

AA PhD PROGRAMME

ARCHITECTURAL ASSOCIATION SCHOOL OF ARCHITECTURE

phd.aaschool.ac.uk

AA PhD PROGRAMME 2016-17

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Architectural Association Graduate School

34-36 Bedford Square, London WC1B 3ES

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1 INTRODUCTION & OVERVIEW

Doctoral studies at the AA combine advanced research with a broader educational agenda, preparing graduates for practice in global academic and professional environments. Current PhD topics encompass architectural theory and history, architectural urbanism, advanced architectural design, the city, emergent technologies and sustainable environmental design in architecture. Doctoral candidates may follow the traditional route of a text-based written dissertation or a studio-based PhD in architectural design.

PhD studies at the AA are full-time for their entire duration. This starts with a preparatory period during which candidates attend selected courses and seminars while developing their research proposals. Approval of proposals initiates the formal period of PhD study, which has a maximum duration of four years. Typically, some 30 doctoral candidates are enrolled in the programme on any particular year. Each PhD candidate is guided by two supervisors, one of whom is designated as Director of Studies. Architectural history and theory topics are directed by Mark Cousins and Marina Lathouri. Research on urban and housing issues addressing policy, strategic thinking and spatial design is supported by Lawrence Barth, Jorge Fiori and Hugo Hinsley. Research in emergent technologies in architectural design, including active material systems and urban metabolic design is directed by Michael Weinstock and George Jeronimidis. Architectural research in sustainable environmental design is directed by Simos Yannas and Paula Cadima. 'City-Architecture', a new research strand launched in 2014/15, is directed by Pier Vittorio Aureli and organised around a collaborative seminar and collective design agenda.

Applications are welcome from graduates in architecture and related disciplines. Applicants should hold a Masters degree or equivalent in the areas of their proposed research project. Enquiries should be addressed to the AA Admissions Office or the Chair of the PhD Committee. Applicants should be prepared to come to the School for an interview. Details of current research topics and bios of PhD candidates and supervisors can be viewed online at phd.aachool.ac.uk.

Tuition fee bursaries are available for highly qualified applicants. Opportunities for teaching at the AA School may be available to eligible PhD candidates following registration of their research proposals. During their studies at the AA, PhD students are expected to produce work worthy of scholarly publication, including conference papers and journal articles. Travel bursaries are available to registered PhD students presenting work at external events.

PhD and MPhil research degrees at the AA School are administered in partnership with the Open University (OU). Research students are registered with both institutions. This Guide provides essential information on all aspects of studying for a PhD at the AA School. It starts with a step-by-step overview of the entire process, from application to completion, discusses the programme's academic and administrative structure and introduces its resources, regular events and links with the OU and external research networks. Appendix 1 lists all PhD and MPhil research projects undertaken at the AA School since the late 1970s. Appendix 2 lists the CVs of AA academic staff currently approved to supervise PhD candidates.

Doctoral candidates registered with another institution and post-doctoral scholars who wish to undertake research relating to the areas of any of the AA postgraduate programmes, may apply to do so following the application procedure described in this Prospectus and online. The maximum period of study as a visiting scholar is one academic year, for which the AA School's tuition fees may apply pro-rata.

2 KEY STEPS & STAGES OF PHD STUDIES AT THE AA

The following is a step-by-step summary of the stages of undertaking a PhD or MPhil research degree at the AA School under the AA / OU partnership.

Stage 1: Admission to PhD Programme

1. Applications are submitted online to the Graduate School Admissions Coordinator (see details under *Admission Requirements & Guidelines*)
2. Applications are reviewed by the PhD Committee
3. Applicants are invited to an interview
4. Successful applicants are offered a place to start study at the beginning of the following academic year.

Stage 2: First Year

5. New PhD research students register during AA Introduction week. Returning students register on the first week of the academic year.
6. Induction activities take place during Introduction week and on the first week of the academic year.
7. New research students meet with their assigned director of studies and plan for the year ahead. As part of the preparatory period they are expected to attend selected taught courses and seminars related to their research area. These form part of the research training that is agreed with supervisors as supporting the formulation and implementation of candidates' PhD research proposals.
8. A substantial research paper presenting a critical overview of the relevant literature and leading to the candidates' research proposal is due by the end of Term 1.
9. New research proposals are submitted for OU registration by the end of candidates' first term at the AA School.
10. Following OU registration, candidates commence their formal period on the research degree. Registered students have access to OU Library and Virtual Research Environment.
11. Each registered research student is assigned one of the PhD Programme's senior staff as third party monitor to advise impartially on pastoral matters, potential student / supervisor conflicts or problems with the research process.
12. Research students maintain registration with the AA and OU till completion.
13. A log is kept of supervision meetings, skills development and personal progress; this is reviewed regularly with supervisors.

Stage 3: Middle Year(s)

14. AA and OU registration renewed annually.
15. The probation period is concluded toward the end of the first year of OU registration by the submission of a substantial research report that is reviewed by two internal assessors independently and with a viva. Successful completion of the probation period confirms candidates' registration for the PhD.
16. On subsequent years progress is assessed by submission of detailed annual reports prepared by candidates jointly with their supervisors.
17. Study trips to undertake fieldwork or attend external events can be scheduled from the second year of study.
18. Third party monitoring is available to research students at all times.

Stage 4: Final Year

19. Much of the final year is devoted to the writing, reviewing and editing of the dissertation.

20. Research students preparing to submit their dissertation for examination must notify the AA Graduate School Administrative Coordinator in writing at least *three months* before the expected submission date. The notice must specify the submission date and final title of the dissertation and must be accompanied by a summary of the dissertation that will be forwarded to the Examiners.
21. Examiners are nominated on the recommendation of candidates' supervisors. Normally there will be one External Examiner (a senior academic from outside the AA School with experience in examining UK PhD degrees and expertise in the research topic to be examined) and one Internal Examiner (a similarly qualified member of AA or OU teaching staff who is not a supervisor of the candidate). The oral examination is chaired by a senior member of AA teaching staff with experience as examiner who is not a supervisor of the candidate. One supervisor is expected to attend the oral examination as Observer. Nomination and approval of Examination panels may take several weeks.
22. Final submission of the Dissertation is to the AA Graduate School Administrative Coordinator (see *Submission Guidelines* for format, binding and number of copies).

Stage 5: Examination

23. Copies of the Dissertation are sent by the AA Graduate School Administrative Coordinator to each Examiner well ahead of the examination date. Examiners will first assess the dissertation separately and prepare individual preliminary reports.
24. Candidates are briefed on the Examination by their supervisors. There is no contact between candidates and the examiners before the examination.
25. The Oral Examination (Viva) will be held at the AA some 4-6 weeks after the submission of the Dissertation. In the course of the oral examination, which normally lasts 2-3 hours, candidates are questioned on all aspects of their research project and the contents of their dissertation. The proceedings are coordinated by the chair of the examination panel. The viva is preceded and followed by private meetings between the Examiners.
26. The outcome of the examination will be announced to the candidate by the Examiners. Where corrections or other changes are required, these will be identified in writing and the conditions for the submission and reassessment of the corrected dissertation will be discussed in some detail. By attending the viva as Observer candidates' supervisors are informed of the outcome and of any further work required from the candidate to complete the degree.
27. The examiners will prepare a joint report on the conduct of the oral examination and its outcome and will attach a list of any corrections or other changes that may be required.
28. Examiners will return their copies of the Dissertation to the candidate unless these are needed to check against corrected versions.

Stage 6: Post-examination

29. Where corrections and amendments have been requested by the Examiners, these will be reviewed with the supervisors and a plan of work and timetable will be agreed.
30. Candidates undertaking corrections must continue their AA and OU registrations until successful completion of the degree. Supervisors must be available to provide support for the duration of the correction period. Where candidates are unable to stay in London during this period they should remain in contact with their supervisors by email.
31. Corrections and amendments of Dissertations must be approved by the supervisors before being submitted to the AA Graduate School Administrative Coordinator who will then send the revised dissertations for assessment by the Examiners. One or both Examiners may have been designated for this task. In some cases an oral re-examination may have been recommended by the Examiners. Where no re-examination has been requested, Examiners will provide their final assessment and recommendation in writing without a further meeting with the candidate. Dissertations failing to satisfy the Examiners may not be awarded the degree.

32. Approved final copies of the Dissertation must be submitted to the Graduate Office. A minimum of *four* hard bound copies of the dissertation must be submitted. These are respectively lodged with the British Library, the Open University Library, the AA Library and the AA Graduate School. It may be possible for some of the copies to be submitted in electronic form.
33. Candidates who have satisfied the requirements for the PhD degree receive certificates confirming the award of the degree. Award ceremonies are held by both institutions. The AA School's Graduation day coincides with the opening of the School's Projects exhibition on the last week of June.

Supervisors, third party monitors and the PhD Programme Director can provide further information on the above if required. The Open University publishes extensive documentation that is available to all candidates upon registration; see *Research Degree Registration* in the following section of this Guide.

3 PROGRAMME STRUCTURE & ORGANISATION

3.1 Application to AA PhD Programme

Applications are welcome from graduates in architecture and related disciplines. Prospective applicants should normally hold a Masters degree or equivalent experience in the area of their proposed research. Enquiries can be addressed to the programme director, one of the programme's supervisors or the AA Admissions Office. Applicants should be prepared to come to the School for an interview. Tuition fee bursaries are offered by the School to highly qualified applicants. Applications are submitted online to the AA Graduate School Admissions Coordinator. For full details: <https://www.aaschool.ac.uk/STUDY/ONLINEAPPLICATION/GRADUATE/login.php>

Applicants should submit documentation providing evidence of:

- A first professional degree in architecture, engineering, landscape architecture, urbanism or other related discipline, or upper second class honours degree in the history of art or architecture.
- Post-professional Masters degree (MA, MSc or MArch) or equivalent academic, professional or research experience in the area of the proposed research project.
- Brief CV outlining applicants' recent work experience and other activities including list of publications.
- Proof of proficiency in spoken and written English.
- AA Application Form and statement of up to 1500 words on research interests and how these relate to current areas of research within the AA PhD programme.
- Two reference letters from academic and/or professional referees.
- Portfolio with samples of academic and/or professional work; required for applicants for PhD in Architectural Design, optional for other applicants.
- Availability to attend an interview at the AA School.
- Financial arrangements to cover tuition fees and living expenses over the period of study.

Applications to join the PhD Programme are reviewed by two of the programme's Directors of Studies in conjunction with the PhD Programme Director; one of the reviewers will have been designated as the likely director of studies should the applicant be offered a place. Applicants will be assessed on the documentation submitted and the outcome of the interview. Key criteria are the relevance of the proposed research to current interests within the AA PhD programme; the strength of applicants' academic and professional qualifications and achievements; evidence of sound financial planning covering the whole period of study; and availability of suitable supervisors.

3.2 AA PhD Committee

The AA PhD Committee oversees applications and admissions, planning of regular and special events, award of bursaries and research grants, appointments of supervisors, the submission of

research proposals for OU registration, probationary reviews and annual monitoring reports, third party monitoring and dissertation submissions and examinations. Its membership consists of the programme's directors of studies and internal supervisors, the AA School Director, the Chair of the Graduate Management Committee, the AA Registrar, the Graduate School Administrative Coordinator and student representatives. It is chaired by the Director of the PhD Programme. The PhD Committee operates under the AA School's Graduate Management Committee (GMC) and follows the UK QAA (Quality Assurance Agency for Higher Education) Quality Code Chapter B11 (Research Degrees) and OU regulations. The Committee meets twice each term on Fridays. Forthcoming meetings are scheduled for 16 September, 7 October and 2 December 2016 and 27 January, 10 March, 12 May and 7 July 2017.

3.3 Registration Mode

Study for a PhD at the AA School is full-time throughout the period of study. Engagement in any other activity during this period is limited to a maximum of one day per week. The normal period of full-time study for the PhD is of three calendar years from the date of registration with the OU up to a maximum of four years of OU registration. The equivalent full-time period for the MPhil is of two calendar years with a maximum of three years. Candidates unable to complete within the maximum periods may not be allowed to continue. In view of the lengthy duration of study, research students are required to make financial arrangements encompassing the entire period, that is for up to four years (12 academic terms) for the PhD and three years (9 academic terms) for MPhil. Administrative matters relating to registration and tuition fees are dealt with by the AA Registrar's Office and the Graduate School Administrative Coordinator's Office.

3.4 Programme Structure

The PhD Programme is structured around three complementary layers of engagement and critical discourse:

- **Individual Research Projects**
There are over 30 individual PhD research projects starting or continuing in 2016-17 on a variety of research topics within the programme's broad areas of research.
- **Research Groups**
These are thematically related individual projects around the different research strands within the programme.
- **Joint Activities**
These are events that bring together the different strands of the programme.

Following initial meetings with their supervisors, new research students are expected to attend selected courses offered within the Graduate School as part of their research training and skills development. There are regular seminars and presentations of research work involving both new and continuing PhD students. Joint seminars combining students and staff from the different strands of the programme are held during Terms 2 and 3.

3.5 Supervision

Each research student is assigned two supervisors one of whom is designated as director of studies. Directors of studies are appointed from among AA Graduate School academic staff according to their supervision experience and knowledge of candidates' field of research. The AA PhD Programme has a considerable number of academic staff who are highly experienced PhD supervisors who keep up to date by being active in research, research assessment, PhD supervision and PhD examination in the UK and abroad. AA Graduate School teaching staff currently approved as directors of studies or as second supervisors are listed in the Appendix. Prospective PhD applicants normally make first contact with the PhD Programme Director, one of the Programme's directors of studies, or the AA Admissions Office to enquire about application and supervision.

Directors of studies are assigned to applicants by the time they are offered a place. Second supervisors may be appointed at the same time unless their appointment should await further development of the research proposal. In case of the latter the appointment should be finalised by the time the proposal is submitted for OU registration. All new PhD students are interviewed on arrival and their supervision arrangements and schedule of preparatory studies are reviewed and confirmed. Supervisor appointments become formalised following approval and registration of candidates' research proposals; the OU registration sets the start and end dates of the PhD study period.

Research students are expected to meet with their supervisors regularly throughout their studies. During the preparatory period when candidates are working on their research proposals meetings are likely to be weekly or fortnightly. Following registration of the research project meetings need to be spaced so as to allow time for the production of new work. However, there should be no fewer than 10 meetings annually involving one or both supervisors. Supervisors are required to establish a satisfactory framework from the outset defining their respective roles and frequency of meetings. The director of studies is responsible for providing regular and frequent supervision, as well as ensuring that the other supervisor(s) are carrying out their responsibilities to the student. Supervisors are expected to provide support to candidates till completion continuing supervision during amendments and corrections following examination. Research students are required to keep records of supervision meetings. Following each meeting a summary (maximum one side of A4) of the topics discussed and a list of agreed actions should be emailed to the director of studies and the Graduate School's Administrative Coordinator.

The qualifications, conditions of appointment and duties of supervisors are detailed below.

Directors of Studies (main supervisors) are required to have:

- academic competence in the area of the proposed research topic
- an appointment as a member of the academic staff of the AA
- a PhD
- experience of UK PhD supervision to successful completion
- experience of UK PhD examination.

Other Supervisors (second supervisors, advisors) are required to have:

- academic competence in the area of the proposed research topic
- an appointment as a member of academic staff of the AA or other institute of higher education or of an appropriate research group
- a PhD.

For second supervisors, subject knowledge and research experience may be accepted as a substitute for the PhD if the PhD Committee considers there is a case for this. Supervisors should not normally be registered for a research degree themselves. However, a case can be made for an exception to this subject to the following conditions: that there is no possible conflict of interest between the proposed supervisor's research topic and that of the student; and that the workload of the proposed supervisor allows sufficient time for supervision duties.

Duties of all supervisors

All supervisors (whether director of studies or second supervisor) are responsible for:

- establishing, at the beginning of students' research programme, a satisfactory framework for supervision, including arrangements for regular meetings
- defining the role of each supervisor
- regularly discussing the research project with the student
- providing such advice and guidance as may be necessary
- monitoring the student's progress and providing regular progress reports.

Additional duties of the director of studies

In addition to the duties outlined above the director of studies is also expected to:

- take responsibility for supervising the student regularly and frequently

- ensure that the other supervisor(s) are carrying out their responsibilities to the student
- meet the student and other supervisor(s) to discuss the research project at least three times a year.

Additional duties of other supervisor(s)

In addition to the duties outlined above second supervisors are expected to:

- meet with their students regularly to discuss the research project
- be available for consultation by the student and/or the director of studies
- meet with the student and director of studies at least three times a year.

3.6 Preparation of Research Proposals

Research proposals are due for submission by the end of candidates' first term at the AA School. The documentation to be submitted for OU registration must include the following:

- a review paper on the state-of-the-art in the research area of the proposal
- a statement identifying the specific research topics to be investigated; this should be formulated in terms of gaps in knowledge and resulting research questions or hypotheses;
- a statement on the sources of information and research methods to be used; this should include details of candidates' previous work in the proposed research area
- the relationship of the proposed research to the published literature and current research by others with an indication of the contribution to knowledge likely to result from the project.
- the OU Form ARC9 (see 3.7 below) which summarises candidates' academic information and puts forward nominations for supervisors; this must be accompanied by supervisors' CVs and supporting recommendation from the PhD Programme Director.
- Applicants are required to declare whether their final submission will incorporate non-text material. Many of the PhD theses produced at the AA have included a considerable number of illustrations consisting of original drawings, photographs, diagrams, charts and simulation results. These do not need to be declared unless they form part of a proposal for the PhD in Architectural Design. Applicants for PhD in Architectural Design must declare their intention on the registration form ARC9.

3.7 PhD in Architectural Design

The PhD *in Architectural Design* ("PhD AD" or "PhD by Design") is an option for qualified architects with experience in design research and an interest in relating theory with design practice. It accounts for a growing proportion of new applications and can be a viable option under any of the thematic strands of the School's postgraduate programmes.

The origins of the PhD in AD at the AA School can be traced back to the late 1980s when several of the PhD projects undertaken in the areas of environmental design and energy studies became concerned with design research. What is new at present is the thematic broadening that has become possible by the development of computational tools in other research areas encouraging more architects to apply for doctoral studies. The following were points of discussion at a recent meeting held between the School's PhD directors of studies, OU academics and administrators and invited colleagues from other UK institutions:

- The denomination "PhD in AD" identifies architectural design as a tool for research, as well as the object of research while maintaining the structure and scholarly standards of a PhD degree.
- Whereas a traditional PhD thesis is said to be text-based, the submission for the PhD in AD is expected to include visual material that is produced in the course of, and as part of, the research. Candidates may present this material in different forms. However, for the final submission all material being submitted as belonging to the Dissertation should be held together as a single document.

- The design component of the PhD in AD is neither predetermined nor fixed. Candidates will express their intention by identifying the non-text elements. Such information is entered in the application ARC9 and is subsequently confirmed and consolidated as part of the probation review. Any further modifications will be inserted into annual progress reports of subsequent years.
- Examiners must have experience of PhD examination, as well as being qualified to assess the role and contribution of architectural design. Given that most design research makes extensive use of advanced computational tools, examiners must have expertise in the particular tools employed. Research methods, assessment criteria and the contribution to knowledge will need to be open to scrutiny within the terms of reference of each project's wider peer group.
- Physical models and experiments involving models are the only products that cannot be fully assessed on a printout or computer screen and where these form part of the dissertation they should be on display at the viva. In most other ways the viva for a PhD in AD should be similar to that of a traditional PhD viva.
- Successful candidates will be awarded the degree of Doctor of Philosophy for research undertaken at the AA School. The PhD in AD is not a separate degree.

3.8 Funding

Applicants are strongly advised to carefully plan for and manage the funding of their PhD studies over the whole period of the PhD that is likely to have a minimum duration of three calendar years though typically closer to four calendar years. The AA School has a limited number of tuition fees bursaries, typically worth one term's fees, for highly qualified new and returning research students and for those completing within the maximum period of study.

3.9 OU Registration

Owing to the independent institutional nature of the AA School, the administration and award of research degrees is undertaken in partnership with the Open University Research School (OU) with the AA acting as Affiliated Research Centre (ARC). Under this system AA research students are registered with both institutions. Research proposals are elaborated in the course of candidates' first year at the AA and submitted for OU registration. Registration with the OU sets the formal period of study which has a maximum full-time duration of four calendar years. Guidance Notes (see list below) are provided by the Open University on all aspects of undertaking a research degree from application for registration to post-viva corrections and completion.

OU Guidance for Students:

OU Research Degrees Student Handbook

Registration with the OU

<http://www.open.ac.uk/research/arc-handbook/>

Forms and guidance notes for ARC students

<http://www.open.ac.uk/students/research/content/forms-and-guidance-z-arc-students>

Research degree skills on-line training resources for students

<http://www.open.ac.uk/students/research/content/training-options>

VITAE Researcher Development Framework Planner

tools for personal skills audit, personal development plan and skills portfolio

<http://www.open.ac.uk/students/research/content/researcher-development-framework-0>

OU on-line careers advice for PhD students

<http://www.open.ac.uk/students/research/content/careers>

OU Guidance for Supervisors :

Forms and guidance notes for ARC supervisors

<http://www.open.ac.uk/students/research/content/forms-and-guidance-z-arc-supervisors-and-coordinators>

Supervisor support and training resources

<http://www.open.ac.uk/students/research/supervisors>

Research projects involving human participants may require ethics review. This is set out in the OU ARC student handbook section 4.7: www.open.ac.uk/research/arc-handbook/part-4-facilities-and-services/47-ethics-review

See also:

<http://www.open.ac.uk/research/ethics/>

<http://www.open.ac.uk/research/ethics/sites/www.open.ac.uk.research.ethics/files/files/ecms/web-content/Ethics-Principles-for-Research-involving-Human-Participants.pdf>

Students and supervisors can consult the OU Human Research Ethics Committee <http://intranet6.open.ac.uk/governance/main/university-committees/formal-committees/human-research-ethics-committee> for ethics queries.

3.10 Intellectual Property Rights

Candidates hold the copyright to text and other products submitted for the PhD or MPhil degree. The Architectural Association (Inc) claims the following rights in relation to student work produced during their registration at the AA School:

- to reproduce students' works acquired during their studies at the Architectural Association School of Architecture, all without fee, for educational and promotional use, including databases, web-sites, academic publications, exhibitions, exhibition catalogues, leaflets, posters and prospectuses
- to borrow, for a reasonable period of time, the material element of any works produced by students, and/or a suitable reproduction of these works, for the purposes of publishing these works in publications by Architectural Association (Inc) and its staff, and /or for the purposes of showing these works to professional statutory bodies for the validation of appropriate degree programmes.

3.11 Probation Assessment

Toward the end of the first year of OU registration, candidates are required to present a written progress report on which they sit an oral examination with two independent internal assessors (AA teaching staff, but not the candidates' supervisors). The progress report must provide the following:

- a viable research question
- a critical literature review which situates the proposed research
- a research proposal including an outline of proposed method(s) and their justification
- a work plan for the duration of the project.

Candidates who had indicated the intention of incorporating non-text material under the option of PhD in Architectural Design must at this stage provide further detailed information on the nature and role of such material in supporting their thesis. This will form part of the probation assessment. Any further developments are then reported in the annual progress reports submitted by candidates each academic year.

3.12 Annual Progress Reports

On all subsequent years following successful completion of the probation review PhD candidates are required to submit annual reports detailing supervision meetings and skills development activities; these are supplemented by supervisors' report on progress since the previous year.

3.13 Dissertation Submission

A dissertation submitted for the Doctor of Philosophy degree must make a significant contribution to knowledge, contain a significant proportion of material that is worthy of publication and give evidence of the candidate's ability to undertake further research without supervision. Dissertations should be produced in A4 Portrait format, bound with hard black covers holding the full content of all the material submitted for the degree. Any digital files accompanying the dissertation should be submitted on a CD placed within a pocket on the inside of the back cover of the document. Drawings and charts larger than A4 should be bound with the dissertation document folded to fit the A4 Portrait format.

Notwithstanding other regulations, sheets with text and illustrations contained within the document must be printed on both sides, on paper of appropriate thickness. Coloured illustrations must be reproduced in colour. Font size for the main body of text must not exceed 10pts for fonts of Arial type, or 12pts for fonts such as Times Roman and should be typed preferably single spaced formatted in a single column with appropriate margins and placements for illustrations.

Many of the PhD projects undertaken at the AA School comprise original material in the form of charts, graphs, photographs and drawings produced especially to illustrate the concepts, fieldwork findings or results of analytic work and other research outcomes presented in the dissertations. All such material should be incorporated within the body of the dissertation document, with any additional material included in appendices if needed, and itemised in a table of illustrations.

Candidates who intend to incorporate a substantial amount of non-text material as part of their thesis are expected to comply with the following further guidelines:

- The combined material of text and design work should contain as much argument, analysis, deployment of evidence and referencing as would be provided in a written text thesis.
- The volume of material contained should be no greater than that represented by a text-based thesis of a maximum of 100,000 words for a PhD.
- Examiners should be informed about the nature of the contents submitted and how to access any electronic files for the assessment they are required to carry out ahead of the oral examination.
- Design material submitted for the PhD must be also available in forms suitable for public exhibition and display.

It is the responsibility of supervisors to ensure the above guidelines are followed and brought to the attention of candidates from the beginning of their research project.

3.14 Student Feedback

PhD students have formal representation on the PhD Committee where they can raise any matters requiring attention. At any time individual students can also express their views or provide feedback to the PhD Programme Director, their supervisors, their third party monitor, the Chair of the Graduate Management Committee or the AA School Director. Matters that cannot be dealt with individually will be referred to the AA School's Graduate Management Committee (GMC).

3.15 Appeals & Complaints

A special panel will be appointed to deal with appeals and complaints. The constitution of the panel and procedure followed are described in the AA School's Academic Regulations. A complaint can be made to the OU when all internal AA procedures are exhausted. Appeals against academic decisions of the OU can be made directly to the OU. The procedures to be followed are described in the OU ARC Handbook: ww3.open.ac.uk/arc-handbook

4 RESOURCES

4.1 Academic and Administrative Staff

The PhD programme draws contributions from AA academic staff across the School. Directors of studies are mostly fulltime members of the AA Graduate School teaching staff (see Appendix 2 for CV's). While in many cases both supervisors may be members of AA academic staff, it is not uncommon for the second supervisor to be appointed from outside the School. Academic and administrative support to research students is also provided by the PhD Committee, the PhD Programme Director, the third party monitors, the AA School's Registrar and the Graduate School's Administrative Coordinator.

4.2 Workspace

Dedicated workspaces are available to PhD students throughout the week during term time. Bookable spaces are available around the School for research group meetings or other gatherings of research students.

4.3 AA Departments & Resources

The resources and facilities available to all AA students are described in the AA Student Handbook. These include the AA Library, the AA Computer Lab and the School's fabrication, laser-cutting and prototyping facilities in Bedford Square and the more extensive building facilities at the Hooke Park Campus in Dorset. The School's facilities are available to students all year round. Introductory sessions to all of the relevant facilities are provided as part of induction at the beginning of each academic year.

4.4 OU Resources

Following registration with the Open University, research students and their supervisors are issued with usernames and passwords providing access to the OU Virtual Research Environment and the extensive OU online Library and supported databases offering access to the contents of a very large number of journals and other published sources providing candidates and their supervisors with a wealth of research material in any field of research. The OU also offers access to its loan library and statistical service and provides a useful research training pack to all registered students.

4.5 Induction

New research students are introduced to the PhD Programme on the first week of the academic year. Introductions are followed by individual interviews to confirm supervision arrangements and plan students' study programme.

4.6 Research Training & Skills Development

The tuition and training of research students encompasses a number of distinct levels of activity and engagement:

- individual tuition provided by appointed supervisors aiming at the acquisition and development of specific research skills and the formulation and execution of students' research projects;
- discussion groups bringing together PhD projects that are thematically and/or methodologically related coordinated by one or more of the students' supervisors;
- taught courses in the form of lecture series, studio projects, research seminars and training workshops selected to support students in the formulation of their PhD research proposals.
- plenary sessions involving presentation of work in progress and bringing together staff and research students from all the thematic strands of the PhD programme
- special events such as conferences, symposia and lectures from recent alumni and guest speakers.

4.7 Research Seminars & Special Events

The PhD Programme seminars address issues of research methodology, the critical reading and discussion of selected publications, the writing of dissertations and the presentation and publication of research. There will be regular seminar series supporting the development of research projects during Terms 1 and 2. Plenary sessions combining student presentations from across the programme's different areas of research will be held during Terms 2 and 3:

27 Jan	Recently Completed PhD	2.00pm	AA Lecture Hall
6-7 Feb	Continuing PhD Projects		
28 Apr	New PhD Research		

A symposium on *The (Dis)enchanted Subject of Architecture: Between Neoliberalism and Neobaroque* is scheduled as an all day event on the 25th November organised by Douglas Spencer and Nadir Lahiji with presentations by PhD staff and students.

In Term 2 PhD Research Seminar hosted by Marina Lathouri with visiting speakers and critics will be organised around the main thematic areas of architecture theories and history, city cultures and political philosophy, aiming to help students evaluate complex arguments and theories as well as their relation to design practices and technologies of architectural and urban analysis. PhD candidates will have the opportunity to present work in progress. Issues of research and methodology, critical analysis and writing will be discussed from different standpoints with visiting speakers and critics from within and outside the school.

4.8 External Links

On any given year AA PhD candidates contribute to conferences, teaching and publications within School, as well as in other institutions in the UK and abroad. Over the last two academic years these have included a symposium on Advances in Design Computation, organised by Elif Erdine and Ali Farzaneh featuring Antoine Picon, Achim Menges and Francis Aish; "Savage Architecture", an exhibition curated by Davide Sacconi; research presentations at Columbia University; at the University of St Andrews; at the Wohnungsfrage Academy, Berlin; the Tehran Architecture Biennial Conference; at Cornell University's Rome Programme; at Ion Mincu University Bucharest; at the AHRA Conference, Leeds Beckett University; at SOAS, University of London; at Syracuse University's London Programme; at the Beijing Design Week; at the University of Thessaly, Greece; the Architectural Humanities Research Association AHRA Symposium at the University College Dublin, Ireland; the Urban Lab at UCL; the Architectas Symposium on Architecture and Gender, in Seville, Spain; the Pontificia Universidad Catolica and the University of Chile, Santiago; the Education & Research in Computer Aided Design in Europe eCAADe 2014 Conferences in Newcastle upon Tyne; the Congress of Architectural History, Athens European Architectural History Network's EAHN 2014, Torino, Italy; the University of San Jose, Costa Rica; the University of Diego Portales, Chile; the Hellenic Centre, London; the PLEA (Passive and Low Energy Architecture) conferences in Ahmedabad, India in 2014 and in Los Angeles in 2016 among others.

Architectural Humanities Research Association

AHRA is a non-profit academic organisation that provides an inclusive and comprehensive network for researchers in architectural humanities across the UK and overseas. It promotes, supports, develops and disseminates high-quality research in the areas of architectural history, theory, culture, design and urbanism. Membership is free and open to researchers working in schools of architecture (www.ahra-architecture.org/registration). The AHRA newsletter (www.ahra-architecture.org/newsletter/) lists forthcoming events, conferences, publications and other research activities. Papers presented at recent annual AHRA events can be accessed at www.ahra-architecture.org/publications/ahra/

4.9 Publications

AA PhD research papers have recently appeared in 2X1, Urban Flux, Lobby, Eros, Ruang, AArchitecture, Materia Arquitectura, Routledge Encyclopaedia of Modernism, ArchiDOCT journal of doctoral research in architecture and Scapegoat Journal among others as well as contributions to several books. The PhD Committee will provide support to encourage publication of completed and continuing research both online and in printed form. An editorial board has been appointed for this task.





















4.10 Research Grants & Travel Bursaries

Research grants and travel bursaries are available to PhD students for presenting work at external events in the UK and abroad. Applications for financial support should include a letter of intent, a 150-300 word abstract of the proposed paper, a letter of acceptance of the paper for presentation, a support letter from the student's director of studies and a breakdown of estimated costs. The PhD Committee will consider each application on its merit in assessing the support that can be provided by the programme. Research students receiving research grants to attend at external events are expected to submit a brief account of the event as well as a file with the final version of their paper and any accompanying visual material.

AA-CCA Research Grant

This research grant for AA doctoral students provides access to the summer events and the permanent collection of books, archives, photographs, prints and drawings of the Canadian Centre for Architecture in Montreal. It has been awarded annually to an AA PhD student at the end of the second or later year of study. The grant provides a stipend toward travel, accommodation and subsistence. Previous recipients of the AA-CCA Research Grant were Eva Eylers (2009), Emanuel de Sousa (2010), Alejandra Celedon and Ivonne Santoyo (2011), Niloofar Kakhi (2012), Costandis Kizis and Arturo Revilla (2013), Alexandra Vougia and Gabriela Garcia de Cortazar Galleguillos (2014), Jingming Wu (2015) and Georgios Eftaxiopoulos (2016). For information on the CCA see: www.cca.qc.ca/en

Applications for the AA-CCA grant are reviewed jointly by the AA PhD Committee and the Research Director of the CCA. Applicants should submit a CV, outline of their PhD research, proposal for the research to be carried out at the CCA and a letter of support from their directors of studies.

 <p>The event</p>	 <p>Mari Cousins will offer the end-of-day talk. He will reflect both on the building's processes during the day and on the larger problem this event poses - mainly, the role of the building in the production of architectural knowledge.</p>	 <p>Francisco Gonzalez de Caceres will argue how there is a particular plane of differentiation where tensions are specifically condensed, a micro-scale of maximum intensity.</p>	 <p>Eten Santiago will speak not about an exceptional building produced in the past twenty-five years, but rather a non-exceptional and recurrent one.</p>	 <p>Thomas Visever will examine the specificity of the building's structure itself, both as a condensation of the most reduced form of dwelling and as an extension to the histories and rituals inherent to its typology.</p>	 <p>Marina Lathouri will discuss the large smooth internal spaces of this particular building.</p>
 <p>Penelope Dean will be closely looking at floors and their potential for the discipline.</p>	 <p>Emmanouil Stavrakakis will unpack the subtle relations between this building, the architect and its place.</p>	 <p>Mark Campbell will talk about the pleasure of looking at architecture (or of acknowledging the non-use of architecture) - a city site pleasure...</p>	 <p>John McMorrough will ask the roots of this building: made of lands, topped by seas, built in a hurry, but preannounced. It has no walls. It falls apart. It stays where it started. What does it impact?</p>	 <p>Bryn Norwood will talk about how this building produces a particular kind of architectural experience: one without a specific time, produced by an architecture that simply allows us "to be there and a part of things".</p>	 <p>Mario Carpo will discuss how so far digital theory has not been able to bridge the gap between small scale fabrication and full scale construction.</p>
 <p>Costas Kizis will talk about how this building tries to challenge one of the basic rules of concrete construction: the predictability of the casted form.</p>	 <p>Rafi Segal will focus on the single horizontal axis: the non-ground condition, showing how the building can be read in the context of this preoccupation; in particular, the thickening and transmittance role of the roof.</p>	 <p>Jose Aragatz is the organiser of this event. He will offer the opening remarks and will moderate one of the conversations.</p>	 <p>Aaron White will argue how this building is poised between the two dominant themes of the last twenty-five years: an insouciant singularity and an irresolvable multiplicity.</p>	 <p>Alexandra Vuglia will ask, in terms of architectural signification, what constitutes a more persuasive sign than a building that functions as two-dimensional icon.</p>	 <p>Aldo Urbinati will address what remains of building craftsmanship.</p>
 <p>Gabriela Garcia de Cortazar will discuss how this building's (incomplete) invention not only caters for local animated nights, but also for everyday activities that extend beyond its limits.</p>	 <p>Adrian Forty will discuss how the redundancy of the wall has left architects unsure as to what to do about the vertical faces of buildings.</p>				

4.11 Teaching Engagements for AA PhD Students

Full-time students registered for PhD study at the AA are permitted to undertake teaching engagements between the first and fourth years of their registration for the degree provided they meet the qualifying criteria and conditions outlined below.

Qualifying Criteria

- There is no work restriction for AA PhD students who are UK/EEA or Swiss nationals to undertake teaching engagements.
- AA PhD students who are on Tier 4 UK study visa are not permitted to work during their studies. However, they are eligible to work for a whole year following successful completion of their PhD under the *Doctorate Extension Scheme* (DES); applications for the DES must be submitted up to 60 days before a student's CAS end dates. Please contact the Compliance Officer who will assess and process the visa extension.
- AA PhD students on full scholarships should consult their relevant funding bodies in case they may be precluded from working outside their studies.
- The maximum period of study is of four calendar years. AA PhD students who have exceeded four years of registration for the degree will not be permitted to take-up or continue employment.

Teaching Engagement

- The teaching engagement within the AA School may be as a part-time Tutor within the Undergraduate School Complementary Studies Programmes (HTS, MS, TS) or as Studio Tutor within the Postgraduate Masters Programmes subject to vacancy, eligibility and qualifications. This is normally a **half day** per week up to a maximum of **one day** per week during term time.
- AA PhD students may be permitted to work for longer periods per week where the teaching engagement is directly related to their research project.

Appointment

- Appointments for the employment of PhD students must be supported by the students' Director of Studies and approved by the PhD Committee.
- AA PhD students appointed to undertake teaching engagements will receive a Letter of Appointment outlining the nature and duration of the teaching engagement and its remuneration. The Letter of Appointment is in lieu of a contract/consultancy agreement which is not permitted. The AA School's Staff Lists will clearly define that the appointee is an 'AA PhD candidate'.
- The relevant Heads of Complementary Studies or Programme Directors will include the engagement arrangement and remuneration costs in their departmental budget/staffing proposal for the academic year in question.
- The agreed remuneration will be credited to the AA PhD students' tuition fee account to support the payment of tuition fees.

4.12 PhD Studies for AA Staff

AA members of staff who have been on a contract of employment for a period of at least 4 academic years (the contract of employment being successive for a continuous period of 4 years) may apply to pursue fulltime PhD studies at the AA whilst still remaining an employee of the AA provided they meet the qualifying criteria and conditions outlined below.

Qualifying Criteria

- There is no restriction for AA members of staff who are UK/EEA or Swiss nationals to pursue PhD studies at the AA whilst still remaining an employee of the AA.
- AA members of staff who are in the UK in a work-related immigration category (i.e. holding a Tier 1 or Tier 2 visa) are permitted to undertake study that fits around their work engagement; they must actively demonstrate that work is the primary reason for residing in the UK.

AA Employment

- Members of staff who wish to pursue PhD studies at the AA while still remaining an employee of the AA will continue to receive a contract of employment.
- The AA will provide paid employment for up to a maximum of **one day** per week, or a longer period may be agreed where the employment is directly related to the PhD research project.

Application for PhD Studies

- AA members of staff who wish to pursue PhD studies at the AA must make application to the AA PhD Programme via the AA Admissions process, adhering to deadlines and meeting the admissions criteria.
- Applicants must already hold an appropriate Master's degree or equivalent qualifications in their proposed area of PhD research. Applicants for PhD in Architectural Design must also hold a five-year professional degree in architecture and are expected to submit a design portfolio.
- A maximum of two places will be available on the PhD Programme for AA staff in any given academic year; the offer is non-deferrable.

Tuition fees will be calculated on the length of continuous employment at the AA.

4.13 Visiting Scholars

Doctoral candidates registered with another institution who wish to spend a period of their PhD research at the AA School must follow the normal postgraduate application procedure described in this document, the AA Prospectus and online. The maximum period of study as visiting doctoral student is of one academic year for which the School's research student tuition fees will apply pro-rata. Applications by scholars with post-doctoral or equivalent qualifications wishing to undertake research related to any of the AA School's postgraduate programmes will be considered by the PhD Committee subject to their relevance to current research interests within the School. Tuition fees may apply pro rata depending on the Visiting Scholar's period of stay and participation in the School's activities.

Appendix 1 **PHD & MPhil PROJECTS****Current PhD Projects**

The list below includes projects started in the last academic year and continuing or completing in 2016-17. Those starting in October 2016 will be added following registration of the research proposals.

NIHAL AL SABBAGH

Urban Design and Outdoor Thermal Comfort

Supervisors: Dr Simos Yannas, Dr Paula Cadima

In Dubai environmental conditions have been impaired by a built environment that creates uncomfortable and unappealing outdoor spaces. The current study aims to improve pedestrian thermal comfort thus promoting walkability, prolonging the distances that can be travelled by pedestrians at different times of the year. Different design strategies are being investigated with field studies, as well as by simulation, for the two urban communities of Greens and Jumeirah Lakes Towers.

ALVARO ARANCIBIA TAGLE

The Housing Design Guide and the Re-signification of Social Housing in Santiago de Chile

Supervisors: Dr Marina Lathouri, Dr Sam Jacoby

By challenging current social housing policy and its extreme dependence on the private market this project investigates a new regulatory scenario with the housing design guide conceived as an instrument for urban transformation. The research has defined a set of fundamental architectural principles, questioning and expanding the disciplinary agencies of the housing design guide and the problem of contemporary design itself.

ELENI AXIOTI

Architecture as an Apparatus of Governance: (British Architecture) from the welfare state to the state of workfare

Supervisors: Dr Marina Lathouri, Dr Thanos Zartaloudis

The thesis understands and analyzes architecture as an *apparatus* functioning within the practice of government. It endeavours to illustrate the complexity of this process and trace its operations within a specific milieu, that of the institutional modern architecture produced by and for the British social welfare state from the 1950s until the beginning of its dismantle by the neoliberal policies of the 1980s. Focusing on three institutional buildings, the research investigates how in these historical formations, different agents are assembled with specific powers and certain domains of architecture are constituted governable and administrable by precise operations. Through the examination of these operations, the thesis follows the transition from the welfare state to the state of workfare, from institutions and spaces of enclosure to open circuits and spaces of modulations, and from the individual as a social subject to the self-actualizing individual.

JINGRU CYAN CHENG PhD in Architectural Design

Rurality and Settlement- a Project for the Post-Hukou Chinese Territory

Supervisors: Dr. Pier Vittorio Aureli, Dr. Sam Jacoby

The thesis rethinks rurality at both the architectural and territorial levels to propose a scenario project that transcends the conflicts between the countryside and the city. An opportunity for this is provided by the on-going reform of the household registration system (the hukou system), a major state policy that signals a new urbanisation process for the Chinese countryside. The scenario project seeks to explore three initial propositions: the rural as an ethos, to reclaim a way of living that has been devaluated today; the rural as a form of dwelling, to form self-organised units that are productive of an autonomous power; the rural as a limit to the urban, to construct a system of social infrastructure that is able to invert the power of the city.

TATJANA CROSSLEY PhD in Architectural Design

Design as a Means of Producing Empathy - using perception augmentation and sensory immersion to understand new relationships with bodies and space.

Supervisors: Mark Cousins, Dr Mark Campbell

Architecture defines relationships between bodies and space. It is through these relationships that object-subject hierarchies form, effecting human behaviour and habitus. It follows that, by manipulating perception, architecture re-orientates or disorients object-subject relationships and breaks down social habitus by first breaking down the initial body image. The thesis studies how immersive design can be used as a supportive tool in shaping “normal experience” to create new extended notions of body image and new understandings of space and place.

GEORGIOS EFTAXIOPOULOS PhD in Architectural Design

Stásis - Towards a Critique of Flexibility in Architecture

Supervisors: Dr Pier Vittorio Aureli, Dr Maria S. Giudici

Flexibility, nowadays, constitutes the canon. The thesis argues that flexibility, antithetically, operates as an architectural tool towards the transformation of spaces that are becoming far from being 'free' and instead alienate and restrict their inhabitants. Producing a strange paradox; on the one hand enabling change and potential and on the other dictating it, the project conceptualizes the notion of flexibility through the idea of stasis and argues that within our constant flux it unfolds as a method to achieve a state of stillness and stability.

ALI FARZANEH PhD in Architectural Design

Computational Morphogenesis of City Tissues

Supervisors: Dr George Jeronimidis, Dr Michael Weinstock

Bottom-up models derived from biology are used to study how principles of biological morphogenesis can lead to new organisational models for spatial formation. The structuring of information as data-structures (digital genomes) can generate differentiated city morphologies (phenotypes). By breeding data, digital objects are manifested, differentiated and speciated. Their collection (as tissues) evolves following principles of evolutionary development and analysed for performance. This process is known as computational morphogenesis and applied at the urban scale.

GABRIEL FELMER PLOMINSKY

A Housing Strategy for Reducing Fuel Poverty

Supervisors: Dr Simos Yannas, Dr Paula Cadima

The central problem addressed by this research is the fuel poverty caused by the poor environmental quality of new social housing stock in Chile. Field measurements and simulation studies undertaken to investigate alternative designs and construction techniques taking account of different climates across the country demonstrate that acceptable environmental conditions can be achieved in new dwellings without any need for use of conventional fuels for space heating and cooling. The outcome of the research is an affordable low-carbon construction system of cross-laminated timber panels that can suit different dwelling configurations and is easy to transport and assemble in different locations.

GABRIELA GARCÍA DE CORTÁZAR GALLEGUILLOS

The Architecture of Movement

Supervisors: Mark Cousins, Dr Pier Vittorio Aureli

This thesis explores the relationship between representation, movement and city, focusing on London in the nineteenth and twentieth century, where the radical development of transport technologies meant a complete redefinition of how people moved in the metropolis. It examines drawings and their struggles to describe the changing territories of modernity, in order to argue that, since the establishment of the view from above as *the* way of knowing the land, what these devices have been doing is not only *describing* their selected territories, but actually *prescribing* a way of moving through – and of knowing them.

SERENA LEHUA JARVIS*Ecological Infrastructure: Examining Spatial Strategies for Integrated Urban Water Systems*

Supervisors: Jorge Fiori, Dr Michael Weinstock, Dr Douglas Spencer, Eduardo Rico

This PhD project demonstrates that integrated urban water systems would significantly benefit urban ecology. The research repositions existing ecological systems, such as wetlands and forests as integral components of the water cycle, and establishes how infrastructure can be redesigned as a fluid integration of both built and natural systems. The project uses the case of London to examine the interdependence between water and energy systems, focusing specifically on the Lea River Valley.

SOFIA KRIMIZI*Classical Displacements: journeys, grand tours, copies and theorems*

Supervisors: Mark Cousins, Dr Joan Ockman

The thesis focuses on the academic construction of the Classical in the history of architectural practice and education. The research juxtaposes protagonists such as Robert Venturi and Henri Labrouste who produced radical misinterpretations of notions of the Classical via the vehicle of the journey. The thesis traces the history and evolution of the École des Beaux Arts as the predominant educational model in the course of the long nineteenth century dissecting it with a sequence of research objects and protagonists pertaining to fields external to architecture itself.

MOHAMMED MAKKI PhD in Architectural Design*Urban Adaptation through Evolutionary Development*

Supervisors: Dr Michael Weinstock, Dr George Jeronimidis

The research tackles the urbanisation of harsh climatic regions in the arctic tundra, within a computational platform to establish a correlation between the governing factors of the evolutionary development of natural systems, to the factors that regulate city development and growth.

OLIVIA MARRA PhD in Architectural Design*Garden as Political Form - From Archetype to Project*

Supervisors: Dr Pier Vittorio Aureli, Dr Mark Campbell

The thesis reassesses present and past examples of the garden, moving towards a genealogy of the spatial and power relations enacted by emblematic transformations of this archetype. Focusing on cases in four cities the research aims to trace the history of the garden from exemplary type of radical enclosure, to composition of ungraspable limits, to formal tool for urbanisation.

SAMANEH MOAFI PhD in Architectural Design*Housing the Masses: Domestic Architecture, Governance and Conflict in Iran*

Supervisors: Dr Pier Vittorio Aureli, Dr Adrian Lahoud

This research begins with an investigation: a radical state initiated housing project named Mehr (2007–13) in the Islamic Republic of Iran. Based on the Mehr scheme, Iran was to invest in an urgent building programme of four million housing units spread across the country. The thesis will examine the instrumentality of Mehr in establishing homogeneity in the segregated working class as well as the economic processes that enabled the advent of the project in the first place.

WILLIAM HUTCHINS ORR*Prescriptive Practice: Histories And Theory Of Architecture*

Supervisors: Dr Marina Lathouri, Dr Nina Power

This thesis develops a conception of politically conditioned architectural practice premised on Alain Badiou's theories of subjectivity. Such a practice draws its force from subjective thought's capacity to decide and prescribe on the politically actual rather than possible. In architectural discourse, this redefined "practice" will be posed as an alternative and criticism of the "project," the dominant theoretical category over the last half century for understanding architecture's radical or avant-garde modes. The prescriptive subject is crucial to a theory of practice than can overcome both the structuralist conception of architectural history and production and the reactionary alternatives.

STEFAN POPA*Between earth and sky* The two agendas of LWOG '94*

Supervisor: Dr Marina Lathouri, Dr Anthony Vidler

In the case of the 1994 Winter Olympic Games held in Lillehammer, Norway, the geopolitical context of an oil-driven economy seems at odds with the architectural discourse on the transmigration of the concept of sustainability from text to built object. What is the relationship between the design process and the political objectives of this event? An answer will be sought by contrasting the international scale of the implementation within the mega-event of the green agenda of the United Nations, with the national one, characterized by the local thrive for sustainable organization of space. Broader questions on the circumstances under which a sustainable mega-event can be reedited will be posed.

ARTURO REVILLA PhD in Architectural Design

Processcity: Architecture and the Border Condition

Supervisors: Dr Marina Lathouri, Brett Steele

This project investigates the border as a conceptual and spatial condition from which architectural design can reframe its relation to the city as an object of study. Rather than using design as a way to conclude a consecutive line of arguments, it is used as a tool to investigate new relations. With a participatory perspective in mind, design experiments and small-scale interventions are used to develop ideas and build a research narrative.

RICARDO RUIVO PEREIRA*Mystiques of Socialist Architecture*

Supervisors: Mark Cousins, Dr Pier Vittorio Aureli

The western historiography of Soviet architecture focuses on the short period of its first two decades. This PhD project aims to address these questions at a historiographical level. While paying attention to historical data regarding the architectural production of the Soviet Union and its satellite states, the purpose of this work is to critically reframe the wealth of historiographical material available today on the subject, focusing on the disparity between the accounts that deal with the early avant-garde and those that deal with the currents that superseded it.

DAVIDE SACCONI PhD in Architectural Design*Archetypes a Project For The Brazilian City*

Supervisors: Dr Pier Vittorio Aureli, Dr Mark Campbell

Tracing within the history of Brazil the occurrence of specific Archetypes – the Jesuit Redução and the Fazenda in the colonial period, the Avenida and the Predio in the mature Modernity, and the Campus in the contemporary city – the thesis constructs a conceptual framework for the design of Archetypes of public space in Rio de Janeiro, São Paulo and Belo Horizonte. Archetypes are architectures liberated by programme, where the normative definition of performances and behaviour is substituted by an exposed rule, a principle governing conduct and action where form and activity tend to intimately coincide.

IVONNE SANTOYO-OROZCO*Architectures of Seduction. Digressions on the Lessons of Rome*

Supervisors: Mark Cousins, Dr Pier Vittorio Aureli

Challenging the predominant architectural historiography of Rome, this thesis suggests that a fundamental misreading has eclipsed a history that has more to offer to our contemporary affective modern life. Three categories are critically analyzed that were crucial in the perception and identification with modern power: scenography, spectacle, and wonder. Through their analysis we come to terms with the manner by which modern power discovered relations of obedience that did not rely on the traditional means of legal or military force, but instead harnessed allegiance through the affective life of citizens. More markedly, the papal court began to develop sensorial and spatial techniques that became instrumental to the formation of modern State machinery.

THIAGO TAVARES ABRANCHES DE SOVERAL

Security and Architecture: Violence and the urban design in Rio de Janeiro

Supervisors: Jorge Fiori, Dr Sam Jacoby

In Rio de Janeiro, architecture, topography, legislation and social conflicts have shaped an urban model where fear and security are visible. This thesis investigates the consequences of violence on the morphologies and typologies in Rio, identifying and analysing the shifts in definition and perception of security and violence that have transformed the idea and form of the city over time.

AIMAN TABONY PhD in Architectural Design

The Ecological Superblock Design Science for the Architecture of the City

Supervisors: Dr Michael Weinstock, Dr George Jeronimidis

The design research aims to use evolutionary computation to create novel morphologies and topologies of city tissues, and to develop a generative computation model that can be applied to different climates and ecological systems by modifying the operative and critical parameters. The project seeks to establish a methodology based on principles extracted from design science and new developments in the biological sciences, advances in material sciences and new modes of production, including digital fabrication.

ALDO URBINATI

Architectural Effects

Supervisor: Mark Cousins, Thomas Weaver

The Eiffel Tower has long been regarded as an achievement of engineering and not as an architectural object. Yet, at the same time, it has also come to signify a de facto architectural symbol of the modern era. This thesis aims to clarify this debate while unpicking its associated allegiances by locating the idea of architecture within a much larger cultural field.

ALVARO VELASCO

Exile on Main St.

Supervisor: Dr Marina Lathouri, Dr Fabrizio Gallanti

In a series of lectures delivered between 1953 and 1955, Hannah Arendt argued for understanding the origin of the political realm in the separation between polis and desert that took place in the Ancient Greek democracy, a dichotomy that demarcates the politeia and the apolitia. My interest lies in the edge between politeia and apolitia established in the political landscape through the metaphor of the desert. By researching projects that engaged with the idea of the desert (in iconological and/or physical form) in the late-60s and early-70s I want to question what separates the categories of political and apolitical. My thesis is that the dichotomy polis/desert was challenged through these practices, reshaping the political dimension in architecture.

JINGMING WU

The Invented Chinese Classical Garden

Supervisors: Mark Cousins, Dr Doreen Bernath

The Chinese classical garden has been a popular topic in Chinese architecture and urban design for almost 80 years, encouraging the birth of a contemporary architecture that satisfied both Chinese and western audiences. This study investigates this phenomenon within architectural history and theory writings of the twentieth century. It further considers the ambitions of government and of the architects who invented the term 'Chinese classical garden' as a traditional architecture during the revolution period of the 1950s.

Completed PhD Projects

2016

ARTHUR AW

The Diagrams of Workspace Neighbourhood - Hidden Patterns and New Relationships of Innovation Environments

Supervisors: Lawrence Barth, Jorge Fiori

There is a transformation in the concept of developing innovation environments that reflects the shift in its intrinsic reasoning from economic to urban. Thus, this thesis proposes the new concept of the workspace neighbourhood as a strategic enabler for the architecture of a new generation of innovation environments; it is at once diagrammatic and typological, and is not only economically motivated by the innovation activities of the industry clusters, but also socially and culturally inspired by the daily life of the innovation communities. Workspace Neighbourhood places the strategic roles of architecture right at the intersection of real estate and urban traditions, and it establishes the key idea of a workspace centric urban neighbourhood as the cornerstone of developing a new generation of innovation environments. PhD completed 2016.

MERATE BARAKAT PhD in Architectural Design

Sonic Urban Morphologies: Towards Modelling Aural Spatial Patterns For Urban Space Designers

Supervisors: Dr George Jeronimidis, Dr Michael Weinstock

The design-based contribution of this research project is the development and calibration of a computational design aid that can predict qualitative patterns of aural spatial perception, and translate them into spatial attributes of a modelled urban space. The tool produces spatial patterns as representations of the distribution of sound energy of predicted acoustic spaces and the intermediary domains between them. The fields of computation simulation, soundscape, and psychoacoustics inform the structure of the tool, the input parameters, and the testing and validation processes this research adopts. PhD completed 2016.

COSTANDIS KIZIS

Modern Greek Myths- National Stereotypes and Modernity in Post-war Greece

Supervisors: Dr Marina Lathouri, Dr Sokratis Georgiadis

The thesis examines the architectural discussion on modernity and national identity in post-war Greece. In particular it focuses on four cases that try to reconcile national stereotypes with modern ideas and reflect the problematic process of absorbing modernity. Each case is examined in a separate chapter and each chapter is concerned with a distinct aspect of the myths of Greekness, which appear in the work and discourse of the four main architects - protagonists of the thesis: Aris Konstantinidis, Eero Saarinen, Alexandra Moreti and Konstantinos Doxiadis. The thesis seeks to contribute to the dissolution of myths and constructs in the architectural historiography of Greece, and to recent international scholarship on critical issues of national identity and modernity. PhD completed 2016.

ALEXANDRA VOUGIA

Estranging Devices: Architectural Modernism and Strategies of De-alienation

Supervisors: Dr Marina Lathouri, Dr David Cunningham

This thesis is concerned with the various ways that architectural modernism of the interwar era functioned against the dominant (bourgeois) ideology. This complex and historically specific function is explored through the agency of a conceptual pair: (social) *alienation* and (aesthetic) *estrangement*, the latter as the avant-garde artistic device of de-alienation. The thesis studies by what means *alienation*, after becoming closely interdependent on the ideological and cultural hegemony of the bourgeoisie, was perceived by the historical avant-garde and defied in practice by the conception of the homonymous device of *alienation* or *estrangement*, and, primarily, how interwar architectural modernism attempted to transform the 'negative' function of this device into a 'positive' project for a de-alienated restructuring of human production. PhD completed 2016.

2015

FRANCISCA AROSO PINTO DE OLIVEIRA

Fabrication-based design of responsive transitional spaces

Supervisors: George Jeronimidis, Michael Weinstock

The design research focused on transitional spaces between buildings' internal and external environments. New design paradigms were abstracted from biological models to inform the engineering and material organization of transitional zones. Digital design and fabrication techniques were combined to test material properties and enhance the performative capacity of the new system. Using a subtractive and formative machining process the properties of wood were manipulated to meet the desired performance criteria of light penetration, privacy and views. PhD completed in 2015.

ELIF ERDINE

Generative Processes in Tower Design: Algorithms for the Integration of Tower Subsystems

Supervisors: George Jeronimidis, Michael Weinstock, Patrik Schumacher

The principal contribution of the thesis is the demonstration that the initial phases of the long and complex chain of design development can be shortened by the designer working in the computational environment of a typical laptop, and utilising mainly free open source software. The design domain is the Tower, and the focus is on developing a generative system of design that offers simultaneous integration and differentiation throughout the subsystems of a concept for a tall building during the conceptual design phase. The subsystems are classified into five groups as the load-bearing structure, floor system, vertical circulation system, façade, and environmental system. Design parameters are grouped together so that the focus is on convergence and integration, and the design explorations demonstrate how a change in the parameters of one design driver has repercussions in other subsystems. A metric has been developed for measuring the level of integration on two discrete levels, firstly within the design process itself and secondly on the overall performance of an example of design output- a concept design for a tower. The overall performance of the tower system is measured via progressive Finite Element Analysis (FEA) procedures in order to calculate the changes in the structural behaviour as each subsystem is introduced to the overall tower system. PhD project completed in 2015.

NILOOFAR KAKHI

Identity Disinterred: The uses and abuses of a past in architectural representation of a present

Supervisors: Marina Lathouri, Vida Norouz Borazjani

This thesis focuses on the development of the historicist understanding of collective identity in the architecture of Iran since the country's modernization in the 1920s. It looks at this architectural approach as a consequence of much broader socio-political conditions and nationalist movements that led to the change of monarchy in 1925 and ultimately the revolution of 1979. In this sense, it focuses on the politics of production of architectural knowledge and historiography and follows its academic developments. Ultimately it aims to construct a conceptual platform for critically assessing such representations of identity in contemporary architecture and revisit the almost ignored value of the contemporary as a means to express a collective identity. PhD completed in 2015.

PATRICIA MARTIN DEL GUAYO

Environmental Perception: climate in urban public spaces

Supervisors: Simos Yannas, Paula Cadima

This dissertation reveals that climatic conditions significantly influence the way people use public spaces, drawing or repelling people from them. Thus, the study of urban microclimates becomes particularly significant in order to design successful public spaces that promote social activities. Fieldwork in London and several Spanish cities studied the climatic and social environments in

selected public spaces. It focused on people's perceptions and reactions to the microclimatic environments and to climate-responsive structures. The dissertation puts forward proposals for a specific public space on the outskirts of Madrid illustrating an integrative approach in the design of urban public spaces. PhD completed in 2015.

EMMANOUIL STAVRAKAKIS

The Architecture of Linear B

Supervisors: Mark Cousins, Spyros Papapetros

Most would agree that Michael Ventris' decipherment of Linear B is one of the twentieth century's great moments of identification. It is widely acknowledged that his discovery was the more remarkable because he was not a professional scholar. At his death some obituaries suggested that perhaps it was something to do with his training as an architect. There the matter has rested. This thesis argues that while Ventris lacked others' experience in the field, his advantage came not only from the conventional category of his 'brilliance'; it was also indebted to the forms of analysis, which he had acquired as part of an architectural training. PhD completed in 2015.

2014

ALEJANDRA CELEDON

Rhetorics of the Plan: Architecture and the City

Supervisors: Marina Lathouri, Pier Vittorio Aureli

Why did the *plan* dominate architectural discourse and practice for the last two centuries, and how did this affect the discipline? The plan - the site of architecture - reveals through its composition the potential for the production of the essential and typical form (*eidōs*) of a building to emerge. The meaning of the word *plan* has changed over time, registering and triggering disciplinary changes - the relation between drawings and words, between objects and discourse. Such changes correlate with a shift in the definition and scope of the discipline - from the building, to the drawing (*disegno*) of buildings as objects, to the building as a device for organising and managing the city - that sees the building as an urban piece. PhD completed 2014.

KENSUKE HOTTA

Programmable Architecture: Towards intelligent architecture

Supervisors: George Jeronimidis, Michael Weinstock

This project introduces a new strategy for robotic architecture as an intelligent system, consisting of both autonomous and subservient schemes that maintain a constant homeostasis within its contained environment. Information flow between Genetic Algorithms (GA) and user input prompt this hybrid system to output the consequent, ever-changing physical form. The hardware is an accumulation of self-sufficient machines dedicated to the actions of sensing-calculating-actuating. Each makes its own simple decisions, which collectively turn into a larger problem-solving machine that simultaneously takes central orders into account. As a case study a machine organized using tensegrity-based components of variable forms was proposed. A physical model of this machine has been built and tested via the electrically controlled and wirelessly connected microcomputer chip Arduino. PhD completed 2014.

2012

WINYU ARDRUGSA

'Stranger' and 'Home-Land': Religious Practice and Spatial Negotiations of Thai Muslims in Contemporary Bangkok

Supervisors: Marina Lathouri, Modjtaba Sadria

Situated to challenge the established essentialist understanding of 'Muslim space', this research investigates the relationship between subject formations and spatial negotiations through the

everyday prayer practices of the reformist Muslims of Bangkok and the processes carried out in relation to 'urban' mosques, 'public' prayer rooms and 'else'-where. The thesis argues for a destabilised body-place of relationships though producing specific conditions of spatial intimacy. PhD completed 2012.

NERMA CRIDGE

Drawing the Unbuildable

Supervisors: Marina Lathouri, Mark Cousins

Starting from a premise that many highly important architectural projects are not simply unbuilt, but rather unbuildable, the thesis defines the category of the unbuildable. Both the unbuildable and the buildable will be revealed as working distinctly, but pertinently, not in opposition to one another. The discussion focuses on case studies from the peak period of the unbuildable -post-revolutionary Soviet Union- including Tatlin's Tower and the Palace of the Soviets. Speculations on El Lissitzky's Cloud Stirrups form the basis for the examination of the notion of an architectural series. PhD awarded 2012.

LUCIANO DUTRA

Design Process and Environmental Information: applicability of design support tools

Supervisors: Simos Yannas, Peter Sharratt

PhD awarded 2012.

DONG KU KIM

Climate-Interactive Building Design in a Korean Climate

Supervisors: Simos Yannas, Rosa Schiano-Phan

Continuous adaptation to surrounding environmental change is essential to sustain life. Like living beings, buildings can provide a comfortable environment adjusted to outdoor climate variations. This research project focuses on the potential of climate-interactive building design strategies for the high seasonal variations of the Korean climate. PhD awarded 2012.

CHOUL WOONG KWON

Transitional Spaces: the role of sheltered semi-outdoor spaces as microclimatic modifiers on school buildings in the UK climate

Supervisors: Simos Yannas, Rosa Schiano-Phan

Field observations and extensive computer modelling and simulation studies combining thermal, airflow and daylighting analysis have provided design guidelines on how to achieve acceptable environmental conditions that allow outdoor spaces adjacent to school classrooms to be used as extension of the teaching space without adversely affecting natural light and fresh air supply to the parent building. PhD awarded 2012.

TANIA LOPEZ WINKLER

The Detective of Modern Life

Supervisors: Mark Cousins, Teresa Stoppani

The premise of this thesis is that in the 19c the city reconfigured human experience. The main argument is explored using the Private Detective literature of 19c London from which the *clue* is extracted as a semantic devise and used as tool/site of investigation into urban questions. Secondly, the thesis proposes the literary figure of the *English Private Detective* as equivalent to that of the flâneur - a figure considered to be hosted in Paris and lacking in London. Both figures provide *semigraphical* readings of 19c capital cities. PhD awarded 2012.

FRANCES MIKURIYA*Time Space Pathologies*Supervisors: Mark Cousins, Tim Brittain-Catlin
PhD awarded 2012.**KRISTINE MUN***Vitalizing Technology: on the mode of invention*Supervisors: Marina Lathouri, Lars Spuybroek
PhD completed 2012.**CLARA OLORIZ***Projecting Technology: Systems of Production in 1950s and 60s Spanish Architecture*

Supervisors: Marina Lathouri, Carlos Naya

This thesis reflects on the relationship between technology and architecture. In particular, it explores how mass-production and industrialisation in the decades after World War II not only transformed production and construction, but also reconfigured the practice of architecture. Through the analysis of new methods of construction in Spain during the 1950s and 60s, the investigation examines the concept of component design and the resulting production systems from a material, structural, formal and spatial perspective. PhD completed in 2012.

FEIFEI SUN*Achieving Suitable Thermal Performance for Residential Buildings in Different Regions of China*

Supervisors: Simos Yannas, Rosa Schiano-Phan

The purpose of this research was to identify new technologies and applications of existing practices that can significantly improve energy efficiency and indoor thermal comfort of new residential buildings in China. The study investigated and presents this potential for each of the country's five climatic regions. PhD awarded 2012.

ENRIQUE WALKER*The Infra-Ordinary City: George Perec's Lieux Project*Supervisors: Mark Cousins, Hugo Hinsley
PhD completed in 2012.**2011****KATHARINA BORSI***Urban Domestic: The Diagram of the Berlin Block*Supervisors: Lawrence Barth, Mark Cousins
PhD Awarded 2011**EVA EYLERS***Hygiene and Health in Modern Urban Planning: the sanatorium and its role within the modernist movement*

Supervisors: Marina Lathouri, Anthony Vidler

The main question centres on the migrations of the programmatic typology of the sanatorium, its engagement with the city and its instrumental role in the debates on the planning of the modern city. Using this specific building type as an analytical device, and considering the medical and psychological conditions posed by the modern metropolis –of which the sanatorium is a product of and a response – this research discusses how the tuberculosis sanatorium provided a cure not only against TB, but against diseases associated with the experience of the city.

PhD Awarded 2011

PAVLOS PHILIPPOU*Cultivating Urbanism The Architecture of Cultural Institutions*

Supervisors: Lawrence Barth, Jorge Fiori

Beginning in the late nineteenth century and becoming codified by the early twentieth, cultural buildings came to acquire a salient role in urban reasoning. The thesis pursues the architectural richness of this reasoning through three distinct but interrelated cases, which exemplify the themes and strategies linking cultural buildings to the spatial politics of the liberal metropolis. Seen in their relation to a complex and persistent urban discourse, these cases allow us to see the continuities as well as the dynamism and differentiation that architecture brings to the urban field. PhD awarded 2011.

JOSE ZAVALA*Towards a multidimensional approach in the design of housing policies*

Supervisors: Jorge Fiori, Ronaldo Ramirez

PhD awarded 2011.

2010

DOREEN BERNATH*On Architecture of Building the Picture - China And Pictorial Introjection*

Supervisors: Mark Cousins, Teresa Stoppani

Projects in contemporary Chinese practices are very often being visualised and even realised on the basis of highly effective computer renderings, known as effect drawings, while representations in plans, sections and elevations become a posterior exercise of 'fitting into the picture'. This PhD research project traces the link between the employment of pictorial strategies and a long tradition in Chinese visual arts and theatre of an aesthetic preference for an idealised frontal configuration. The thesis examines the capacity to use new forms of digital software, which has furthered architectural design as an *introjective* process, to be significant beyond a specifically Chinese context. PhD Awarded 2010

PABLO LEÓN DE LA BARRA VARGAS*Art and Architecture: the creation of space and place in contemporary art*

Supervisors: Mark Cousins, Jorge Fiori

PhD Awarded 2010

CHITTAWADI CHITRABONGS*The politics of dressing up*

Supervisors: Mark Cousins, Marina Lathouri

The thesis documents the process of hygiene reforms carried out by King Rama V of Siam who reigned from 1868 until 1910. King Rama V was aiming to increase the royal authority in Bangkok by imposing his distinctive ideas of order and neatness, willing to import and use objects and practices from the west. The argument of the thesis is that Rama V's reform was not 'westernization' but a highly developed fantasy.

PhD Award 2010.

VALERIA GUZMÁN-VERRI*Graphic form as a system of regulation*

Supervisors: Mark Cousins, Marina Lathouri

The thesis explores the rise of a series of printed forms, which start to formally organise ways of thinking across a number of fields of knowledge in the nineteenth century. It argues that the systematic use of statistical and numerical data together with its forms of representation

developed a certain typography in which modern architects, urban planners, sociologists, economists and administrators were captured.

PhD Awarded 2010

NIKOS KORONIS

The Total Work of Art in Modern Architecture

Supervisors: Gordana Korolija Fontana-Giusti & Marina Lathouri

PhD Awarded 2010

KIRK WOOLLER

Changing the Criteria for Innovation: The Architecture Magazine as a Project, c.1956-2006

Supervisors: Marina Lathouri, David Dunster

This dissertation explores the diminishing role of judgement in contemporary architectural writing and the implications this has for the innovation of architectural knowledge. Focusing on the historiographical argument that the architecture magazine provides a site for innovation, the thesis explores particular architectural publications over the last fifty years, taking the publications of Reyner Banham and Rem Koolhaas as case studies of a transition from 'architectural criticism' to 'architectural intelligence'. The research shows how a decreasing presence of judgement disables the possibility of readers taking a position either for or against what is being registered in these publications. PhD Awarded 2010

2009

DERIN INAN

From Cartography to Master Planning

The Ankara Plan: an index of urban discourses in early twentieth century Turkey.

Supervisors: Marina Lathouri & Mark Cousins

Awarded 2009

2008

PEDRO IGNACIO ALONSO

The Architecture of Assemblage in the Rhetoric of the New Construction: between the expanded meaning of construction and the turning point of building

Supervisors: Marina Lathouri & Mark Cousins

PhD Awarded 2008.

CLAUDIO ARANEDA

Dis-Information in the Information Age City: the size of the American block as an urban anachronism

Supervisors: Jorge Fiori & Hugo Hinsley

PhD Awarded 2008.

KAARINA-NANCY BAUER

Heinrich Wölfflin

Supervisors: Mark Cousins & Dalibor Vesely

Awarded 2008

HUA LI

'Chinese Architecture' + 'Western Architecture': A false dichotomy

Supervisors: Mark Cousins & Stephan Feuchtwang

Awarded 2008.

2007**DULCE MORENO MARQUES DE ALMEIDA***The Effect of Microclimate on the Design of Pedestrian Areas in Cities*

Supervisors: Simos Yannas & Peter Sharratt

Awarded 2007

MANUELA ANTONIU*On Hunger and the Phagic in Architecture*

Supervisors: Mark Cousins & Anton Schutz

PhD Awarded 2007

MARCELO A. ESPINOSA MARTINEZ*Architecture of negative realities : a discussion about holes in the production of contemporary architecture*

Supervisors: Mark Cousins, Marina Lathouri

PhD awarded 2007

2006**JOHN ABELL***Desiring Spatialities – Architectural Effects: On the Architectural Exposé of Psychosexual Empathy, Form and Space*

Supervisors: Mark Cousins & Simos Yannas

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RACHEL MCCANN*The Intercorporeal Experience and Design of Architecture*

Supervisors: N. Leach / M. Cousins

Awarded 2006

2005**JAMES FISCHER***An Expansion of the Professionalism of Pierre Charles L'Enfant and its Re-usage by later American Architectural Professionals*

Supervisors: Mark Cousins & Simos Yannas

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NUTTINEE KARNCHANAPORN*Fear as a cultural Phenomenon in Thailand with Special Reference to the Spatial Relations of Domestic Architecture*

Supervisors: M. Lathouri / M. Cousins

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SOLANGE GOULART*Thermal Inertia & Night Ventilation*

Supervisors: Simos Yannas & Peter Sharratt

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ROSA SCHIANO-PHAN

The Development of Passive Draught Evaporative Cooling Systems Using Porous Ceramic Evaporators and their Application in Residential Building

Supervisors: Simos Yannas & Brian Ford

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INES WEIZMAN (GEISLER)

The Disappearance of Everyday Life in East Germany Since Reunification.

Supervisors: Mark Cousins & Simos Yannas

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2004

JOSE BRANDAO

The Role of Urban Design in Strategic Planning: The Case of Rio de Janeiro

Supervisors: J Fiori / H Hinsley

Awarded 2004

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BOJANA BARLTROP

Thomas Jefferson and the Politics of Desire: An Architectural Project and its Limits - Jefferson and the Borderline between his Political and Architectural Projects

Supervisors: A. Balfour / G. Worsley

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HELENA MASSA,

Urban Aerodynamics: The Potential of Convective Mechanisms in the Cooling and Ventilation of Urban Microclimates

Supervisors: Simos Yannas & Peter Sharratt

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ARIADNE VOZANI

The Architectural Correspondence of Space and Speech in Tragedy

Supervisors: M. Cousins / OP Taplin

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JOSE JAVIER GOMEZ-ALVAREZ PEREZ

Fragmentary Inner Areas and Urban Development: The Case of a Historic Industrial Axis in Guadalajara, Mexico

Supervisors: H Hinsley / J Fiori

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GUILHERME QUINTINO,

Vernacular Architecture in South Western Portugal

Supervisors: Simos Yannas & Peter Sharratt

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BENITO JIMENEZ ALCALA,

Environmental Aspects of Hispanic-Moslem Architecture: An Approach to the Daylight and Summer Performance of Islamic Buildings in Spain

Supervisors: Simos Yannas & Brian Ford

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ANDY SISWANTO,

Urban Design and Enablement: A Study on Indonesian Inner City Housing Redevelopment

Supervisors: J Fiori/ B Mumtaz

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2001**THEMIS DA CRUZ FAGUNDES,**

Between Master Plans and Advanced Information Technology: Is There a Site for Brazilian Cities in the Global Network?

Supervisors: J Fiori / M Batty

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GUSTAVO CANTUARIA,

Trees and Microclimatic Comfort

Supervisors: Simos Yannas & Brian Ford

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Transitional Spaces: The Potential of Semi-Outdoor Spaces as a Means for Environmental Control with Special Reference to Portugal

Supervisors: Simos Yannas & Brian Ford

Awarded 2000

ZAINAB FARUQUI ALI

Environmental Performance of the Buildings Designed by the Modern Masters in the Tropics: Architecture of Le Corbusier and Louis I. Khan in India and Bangladesh

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ADA GANSACH-WILSON

Social Constructions: a comparative study of architecture in the High Himalaya of NW Nepal

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Chaos in the Drawing Room: Image Making and Image Breaking in the Experience of Urban Regulation in Recife

Supervisors: E Lebas / J Fiori

Awarded 1999

THOMAS AARON

The Cultural Politics of Architecture: The Rise and Rise of Buckhead in Atlanta Georgia 1952-1994. PhD Awarded 1999

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The Periphery and the American Dream
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Sustainable Place
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Awarded 1999

FERNANDO RIHL

Daylight and Visual Perception: An Investigation of Retrofitted Building Elements for the Enhancement of Daylight and the Modelling of Objects with Reference to the Brazilian Context
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The Experience of Space in Relation to Architecture in the Homeric Epics
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Window Design for thermal Comfort in Domestic Buildings in Southern Brazil
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On the Irish Clashan Settlement Pattern
Supervisors: E Lebas / Buchanan
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ARTURO ALMANDOZ MARTE

European Urbanism in Caracas 1870s-1930s
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Approaches to Bioclimatic Urban Design for the Tropics with Special Reference to Dhaka Bangladesh
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The language of building high: an analysis of the structure and social relations of high-rise Housing Provision in the Seoul Metropolitan Area, 1962-1991

Supervisors: H Hinsley / J Fiori

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CAMILO DIAZ,

Optimisation of Thermal Mass for Indoor Cooling

Supervisors: Simo Yannas & Paul Ruyssevelt

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HATIM MOHAMMED AL-SABAHI

The architectural transformations of housing patterns in the city of Sana'a Yemen

Supervisors: S Damluji / P Oliver

Awarded 1995

ABDULLAH ZEID AYSSA,

The thermal performance of vernacular and contemporary houses in Sana'a, Yemen

Supervisors: Simos Yannas & Brian Ford

Awarded 1995

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Public space, utilisation and environment: a study of large buildings in an educational establishment

Supervisors: Simos Yannas & Nick Bullock

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FUAD HASSAN MALLICK,

Thermal comfort for urban housing in Bangladesh

Supervisors: Simos Yannas & Brian Ford

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ELIAS SALLEH

Microclimatic Control of Outdoor Environment in Public Spaces in the Tropics

Supervisors: Simos Yannas & Phil Haves

Awarded 1994

DESPINA SERGHIDES

Zero Energy House for Cyprus

Supervisors: Simos Yannas & Paul Ruyssevelt

Awarded 1994

MAHA YAHYA

Forbidden spaces, invisible barriers: housing in Beirut

Supervisors: J Fiori / N Bullock

Awarded 1994

1993**LEONARDO BITTENCOURT,***Natural Ventilation for Cooling*

Supervisors: Simos Yannas & Paul Ruyssevelt

Awarded 1993

JOSE ROBERTO GARCIA CHAVEZ*The Potential of Beam Core Daylighting in Hot-Arid Regions of Mexico*

Supervisors: Simos Yannas & Nick Baker

PhD Awarded 1990's

NAHED EL GHAZAL,

Supervisors: E Lebas / P Oliver

Awarded

GORDANA KOROLIJA,*Leon Battista Alberti: De re aedificatoria*

Supervisors: R Landau / M.Cousins

Awarded

SHIQIAO LI*Shaftsbury's influence in the shift from the Baroque to Neo-Palladian Architecture*

Supervisors: R Landau

Awarded

VALERIE MCLAUGHLAN*Aestheticism in British Architecture: the relation between ideas and form in late nineteenth century*

Supervisors: R Landau

Awarded

GERARDO PUENTE*Min><Max/Mass. Social Architecture and Domestic Environment @ Solutions to Housing in Mexico*

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PATRICK REIS*Non-conventional housing finance in Ibadan, Nigeria*

Supervisors: J Fiori / B Mumtaz

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PHILLIP TABB*Energy and Village Form*

Supervisors: Simos Yannas & Dean Hawkes

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MANUEL TEIXEIRA*Housing in Oporto*

Supervisors: N Bullock / M Sutcliffe

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EDUARDO MENDES DE VASCONCELLOS,

The first modernity in Brazil- a cultural project- architecture and urbanism 1930-1960

Supervisors: R Landau

Awarded

ANDREAS MOSCHATOS,

Thermal Storage for Solar Space and Water Heating Systems

Supervisors: Simos Yannas & Cleland McVeigh

Awarded 1985

PYRHOS POULIS,

Radiant Wall and Floor Heating and Cooling

Supervisors: Cleland McVeigh & Simos Yannas

Awarded 1985

COMPLETED MPhil RESEARCH PROJECTS**Carlos Miranda**

The House: Energy efficiency and architectural expression

Supervisors: Simos Yannas, Peter Sharratt

Awarded 2010.

Ludwig Abache

The Contested Space of the Highway

Supervisors: H Hinsley / J Fiori

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Bioclimatic Design for Housing in Northern Greece

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Retrofitting of School Buildings in Slovenia

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Paula Goncalves

Supervisors: J Fiori / A Atkinson

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Susana Gonzalez

New Urbanism Now: The Crisis and Potentials of Architecture and Urban Practice from Rem Koolhaas to New Urbanism

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Home: Space Form and perception: Environmental Issues in the Design of Canadian Dwellings

Supervisors: S. Yannas / B. Ford

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Evangelia Kalliyanni

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Elena Pascolo

Transactive Urbanism: Modes of Thinking Modes of Doing

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Francisco Penagos

Passive Cooling Applications for Warm-Humid Climates of Colombia

Supervisors: S. Yannas / P Haves

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Agueda Perreira De Padua

Climatic Control through Architectural Design in the Warm-Humid Regions of Brazil

Supervisors: S. Yannas / N V Baker

Paula Silva

Housing Design for Tropical Climates

Supervisors: S. Yannas / P. Ruysevelt

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Alexander Stamatis

Supervisors: N Bullock / N Mouzelis

Awarded

George Wilkenfeld

Energy Considerations in Urban Redevelopment Planning

Supervisors: G. Foley

Awarded

Ivana Wingham

Supervisors: N Bullock / E Lebas

Awarded

Appendix 2 **PHD DIRECTORS OF STUDIES & SUPERVISORS***AA Staff*

Dr Simos Yannas Chair PhD Committee; PhD Director of Studies

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Dr Paula Cadima PhD Supervisor

Dr Mark Campbell PhD Supervisor

Mark Cousins PhD Director of Studies

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Dr Douglas Spencer PhD Supervisor

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Dr Nina Power Royal College of Art

Prof. Anthony Vidler Cooper Union

SIMOS YANNAS DiplArch AADiplGrad(Hons) PhD

Co-Director MSc / MArch Sustainable Environmental Design
 Director PhD Programme
 Member AA Academic Board

simos@aaschool.ac.uk

Simos Yannas has led environmental design research and teaching at the AA since the late 1970's. He has taken part in national and international research projects in many countries and his books and papers have been published in over a dozen languages. His most recent publications are on adaptive architecturing, on learning from vernacular architecture and on refurbishing the city. He is a founding member of the PLEA international network on sustainable architecture and urban design.

EDUCATION

1970 Diploma Architect-Engineer, Dept. of Architecture, NTU Athens.
 1975 Post-graduate Diploma (Honours) Environment & Energy Studies, AA School, London.
 2000 PhD AA / OU Research School.

TEACHING

1976- Lecturer, Architectural Association Graduate School, London.
 1980- Director, Environment & Energy Studies Programme, AA Graduate School, London.
 1978- Supervision MPhil / PhD research at AA Graduate School
 1994-05 Director, MA Environment & Energy Studies, AA Graduate School, London.
 2003-13 Course Director, AA Diploma School Technical Studies and Histories & Theories.
 2004- Director, AA School PhD Programme
 2005- Director, MSc and MArch Sustainable Environmental Design, AA Graduate School, London.
 2008-10 Sir Isaac Newton Design Fellow in Architecture, University of Cambridge

Has also lectured at:

Aarhus School of Architecture; University of Madrid; University of Navarra; University of Pennsylvania; Université Catholique de Louvain; ETH Zurich; British University in Dubai; University of Cambridge; Universidad Internacional de Andalucia; Federal University of Sao Paulo; American University of Sharjah; Kuwait University; University of Nottingham; Technical University of Crete; Aristotle University of Thessaloniki; Technical University Lisbon; Middle East Technical University; CUEPE, Université de Geneve; Technical University Berlin; Universidade Federal do Rio de Janeiro; University of Dortmund; National Technical University of Athens; University of Patras; École d'Architecture de Toulouse; University of Buenos Aires; Technical University Budapest; Universidade Federal Santa Catarina; Pontificia Universidad Catolica de Chile, Santiago; Development Planning Unit, University College London; Georgia Institute of Technology; University of Ljubljana; University of Seville; School of Architecture, Rabat; Lawrence Berkeley Laboratory; Bangladesh University of Engineering and Technology; Politecnico di Milano; University of Zulia, Maracaibo.

RESEARCH PROJECTS & TECHNICAL STUDIES

Environmental design research since the mid-1970s. Research interests on effect of climate change on urban environments and building design; environmental assessment of architectural forms and building types; design of adaptive systems for free-running buildings.

2015-17 *Environmental Performance of Traditional Buildings in S. Arabia* with College of Design, University of Dammam
 2015-17 *Handbook of Sustainable Housing Design*. RIBA Research Award.
 2009-12 *Environmental Design in University Curricula and Architectural Training in Europe*. Collaboration with European partners under EC Programme Intelligent Energy Europe.
 2006-08 *Reconceiving the Architecture of the Gulf Region*. With Harvard University Centre for

- Middle East Studies and Schools of Architecture in Kuwait, Abu Dhabi and Sharjah.
- 2002 *A comparative study of building materials and construction techniques in Turkey*. With Middle East Technical University, Ankara under British Council Britain-Turkey Science Partnership.
- 2001-03 *Environmental Implications of Tall Buildings*. Studies commissioned by DEGW for London and Dublin.
- 2000-04 *Roof Cooling Techniques*. With Laboratory of Thermodynamics, University of Seville and Centre for Desert Architecture and Planning; support under EC Altener Programme.
- 1999-02 *IDEA - Interactive Database of Energy-Efficient Architecture*. In collaboration with University of Siegen, Catholic University of Louvain, CNRS, CUEPE, University of Geneva and support from European Commission DG TREN.
- 1999-01 *Passive Cooling Handbook*. In collaboration with School of Engineering University of Porto, Department of Physics University of Athens and School of Engineering University of Seville and support from European Commission Altener Programme.
- 1996-98 *Roof Solutions for Natural Cooling (ROOFSOL)*. In collaboration with several European partners with support from EC Joule Programme. Development of experimental and analytic techniques for the study of radiative and evaporative cooling processes in Mediterranean climatic conditions.
- 1996-97 *Alfa-Built Project*. In collaboration with University of Athens, University of Buenos Aires, Federal University of Rio de Janeiro, University of Venezuela and support from EC Alfa Programme study of passive heating and cooling of buildings in Latin American contexts.
- 1994-96 *Bioclimatic Architecture and Urban Design in Rio*. In collaboration with FAU Universidade Federal do Rio de Janeiro and support from the British Council, CAPES and CNPq. Measurements and observations in selected buildings and outdoor spaces to study indoor and outdoor variations microclimates and implications on occupant thermal and visual comfort.
- 1992-95 *Passive Cooling of Buildings (PASCOOL)*. In collaboration with Universities of Athens (coordinator), Seville, Porto, La Rochelle, Geneva and Milano and Conphoebus (Italy), ENTPE (France), CRES (Greece), TNO (Netherlands) and the Belgian Institute of Building Research with support under EC DG-XII Joule II Programme.
- 1992-94 *Architecture and Climate Portfolios*. Collaboration with University College Dublin and Catholic University of Louvain with support from European Commission DG-XII Solinfo 2 Programme.
- 1991-93 *Building Science and Environment-Conscious Design*. EC TEMPUS Joint European Project. In collaboration with Technical University of Budapest and University of Ljubljana. Teaching environmental design with topics spread over 12 publications.
- 1990-98 *Climate-Responsive Design for Bangladesh*. Collaboration with Bangladesh University of Engineering and Technology and the UK Building Research Establishment (BRE) with support from a British Council Link Project.
- 1989-90 *Passive & Hybrid Cooling in Buildings State-of-the-Art Review*. EC DG-XII Building 2000 Programme, in collaboration with University of Athens and LASH ENTPE (France).
- 1986-94 *Solar Energy and Housing Design*. Research on passive solar heating for residential buildings undertaken in the context of the UK Passive Solar Programme to produce a design manual and calculation procedure.
- 1985-86 *Passive Solar Handbook Definition Study*. Commissioned by ETSU, UK Department of Energy, Solar Energy R&D.
- 1983-85 *Bioclimatic Design and Passive Solar Systems*. A series of short projects commissioned by ETSU, UK Department of Energy, Solar Energy R&D.
- 1982- Founding Member of PLEA (Passive and Low Energy Architecture) international network of experts; Director 1991-96, permanent Secretary from 1997. Member of Scientific Committees of annual PLEA Conferences 1983- to present.
- 1979-82 *Energy Systems and Design of Communities*. In collaboration with T. Papayannis & Associates and colleagues from other countries in the context of International Energy Agency IEA Task 6.
- 1979-83 *Energy Education in Schools*. An experimental project supported by the UK Dept of Education and Science & Dept. of Energy and undertaken in collaboration with the Essex County Architects and Education Departments. The project led to the adoption of energy education in the curricula of schools across the UK.

- 1978-79 *Energy Management of School Buildings*. Second phase of research focusing on Essex secondary school buildings in collaboration with the County Architects Department and funding from Science & Engineering Research Council.
- 1976-78 *Energy Strategies for School Buildings*. Funded by UK Science & Engineering Research Council, and Essex County Council Architect's Department.
- 1975-76 *Energy Options in Greece*. Dissertation research for postgraduate Honours Diploma. Architectural Association Graduate School, London.

PROJECT EXHIBITIONS

- 2014 16-18 December. Twelve Projects in India. PLEA 2014 Conference, Ahmedabad, India
- 2011 12-15 July, PLEA 2011 International Conference, Louvain-la-Neuve Belgium
- 2009 22-24 June. *Current Student Projects*. Quebec City, Canada.
- 2009 15-20 April. *Research & Design: Projects in four climatic regions*. Frankfurt, Germany.
- 2009 3-5 March. *Recent Projects & Structures*. Ecobuild & Futurebuild, Earls Court, London
- 2007 27-29 September. *Lulu Island Projects*. PALENC II, Crete.
- 2007 13-17 February. *Dynamic Structure*. American University Sharjah, UAE.
- 2007 24 Jan - 11 Feb. *Recent Projects 2003-06*. Arts Pavilion, Mile End Park, London.
- 2006 27 Oct-20 Nov. *Small Structures*. Institute of Architects, Patras, Greece.
- 2006 16 Oct-30 Nov. *Two Projects 2004-05*. University of Nottingham.
- 2006 4-8 Sep. *Projects 2004-05*. PLEA 2006 International Conference, Geneva.
- 2005 3-7 July. Small Shelter for Archaeologists. UIA 2005 Congress, Istanbul.
- 2005 19-21 May. *Generative Skin Project and Heliotropic Urban Bench*. PALENC 2005 Conference, Santorini, Greece. Also exhibited on town of Oia, 22-24 May 2005.
- 2004 20-22 September. *Adaptive Skins*, Technical University of Eindhoven, the Netherlands.
- 2004 AA Now Exhibition, Ljubljana, Slovenia (later touring around Europe).
- 2004 20-23 April. *Shelter for Archaeologists*, Oia, Santorini, Greece.
- 2003 5-30 May. Exhibition of school shelter built at Pankese Village, Ghana.
- 2003 Exhibition winning student entry to Mediterranean Architecture Competition, Athens.
- 2002 July. Exhibition *Magical Skin Project*. PLEA 2002 International Conference, Toulouse.
- 1999 May. Exhibition of entries to INAX Competition. AA School of Architecture, London.
- 1999 10-17 January. Exhibition of proposals for Victoria Square, Ministry of Culture, Athens.

OTHER ACADEMIC & PROFESSIONAL ACTIVITIES

Supervision of PhD Research Students

- Nihal Al Sabbagh (Continuing). *Urban Design and Outdoor Thermal Comfort*. AA Graduate School.
- Gabriel Felmer (Continuing). *Housing Design Strategy for Different Climatic Regions of Chile*. AA Graduate School, London.
- Patricia Martin del Guayo (PhD awarded 2014). *Environmental Perception- climate in urban public spaces*. AA Graduate School.
- Dong Ku Kim (PhD Awarded 2012). *Climate Interactive Building Design in a Korean Climate*. AA Graduate School.
- Choul Kwon Wong (PhD Awarded 2012). *Transitional spaces: the role of sheltered semi-outdoor spaces as microclimate modifiers on school buildings in the UK*. AA Graduate School.
- Luciano Dutra (PhD Awarded 2012). *Design Process and Environmental Information*. AA Graduate School.
- Fei Fei Sun (PhD Awarded 2012). *Achieving Suitable Thermal Performance for Residential Buildings in Different Climates of China*. AA Graduate School.
- Dulce De Almeida (PhD Awarded 2006). *Guidelines for the Design of Pedestrian Areas in an Urban Context according to the Local Microclimate*. AA Graduate School.
- Rosa Schiano-Phan (PhD Awarded 2005). *Passive Draught Evaporative Cooling Systems Using Porous Ceramic Evaporators and their Application in Residential Buildings*. AA Graduate School.
- Solange Goulart (PhD Awarded 2005). *Thermal Inertia and Night Ventilation Techniques for Residential Buildings in Southern Brazil*. AA Graduate School.
- Benito Jimenez Alcalá (PhD Awarded 2002) *Environmental Aspects of Hispano-Islamic Architecture*. AA Graduate School, London.

- Helena Massa (PhD Awarded 2002). *Urban Aerodynamics*. AA Graduate School, London.
- Guilherme Quintino (PhD Awarded 2002). *Environmental Aspects of Traditional Building Techniques In South-Western Portugal*. AA Graduate School, London.
- Gustavo Cantuaria (PhD Awarded 2001) *Trees and Microclimatic Comfort*. AA Graduate School, London.
- Paula Cadima (PhD Awarded 2000) *Transitional Spaces*. PhD Dissertation. Environment & Energy Studies Programme. AA Graduate School, London.
- Zainab Ali (PhD Awarded 2000) Environmental Performance of Buildings By Louis Kahn And Le Corbusier In India And Bangladesh. PhD Dissertation. Environment & Energy Studies Programme. AA Graduate School, London.
- Christine Phillips (PhD Awarded 1998). *Sustainable Place. A place of sustainable development*. AA Graduate School, London.
- Fernando Rihl (PhD Awarded 1998). *Daylight and Visual Perception*. AA Graduate School, London.
- Shabbir Ahmed (PhD Awarded 1996). *Approaches to Bioclimatic Urban Design for the Tropics with Special reference to Dhaka, Bangladesh*. AA Graduate School, London.
- Abdullah Ayssa (PhD Awarded 1995). *The Thermal Performance of Vernacular and Contemporary Houses in Sana'a, Yemen*. AA Graduate School, London.
- Jaime De Almeida (PhD Awarded 1994). *Public Space Utilisation and Environment: a study of large educational buildings*. AA Graduate School, London.
- Fuad Mallick (PhD Awarded 1994) *Thermal Comfort for Urban Housing in Bangladesh*. AA Graduate School, London.
- Heitor Da Costa Silva (PhD Awarded 1994). *Window Design for Thermal Comfort in Domestic Buildings in Southern Brazil*. AA Graduate School, London
- Camilo Diaz (PhD Awarded 1994). *Optimisation of Thermal Mass for Indoor Cooling*. AA Graduate School, London.
- Elias Salleh (PhD Awarded 1994). *Tropical Urban Outdoor Environment and Human Thermal Comfort*. AA Graduate School, London.
- Despina Serghides (PhD Awarded 1994). *Zero Energy for the Cyprus House*. AA Graduate School, London.
- Leonardo Bittencourt (PhD Awarded 1993). *Ventilatlon as a Cooling Resource for Warm-Humid Climates*. AA Graduate School, London.
- Phillip Tabb (PhD Awarded 1990). *The Solar Village Archetype. A study of English village form applicable to energy-integrated planning principles for satellite settlement in temperate climates*. AA Graduate School, London.
- Jose Roberto Garcia Chavez (PhD Awarded 1989). *The Potential of Beam Core Daylighting for Reducing the Energy Consumption of Artificial Lighting and Air-Conditioning in Hot-Arid Regions of Mexico*. AA Graduate School, London.

External Examiner & Reviewer

- 2009-13 External Examiner, MSc Environmental Design of Buildings, Welsh School of Architecture.
- 2009-13 External Examiner, MSc Sustainable Design in Built Environment, British University in Dubai.
- 2005-09 External Examiner, MSc Environmental Design & Engineering, Bartlett, University of London.
- 2004- Technical Expert on European Commission Intelligent Energy-Europe Programme.
- 2004-05 Member, Search Committee for Director of AA School of Architecture.
- 2002-05 External Examiner, BArch 5th Year, Welsh School of Architecture, Cardiff University.
- 2001-04 External Examiner, MPhil Environmental Design in Architecture, University of Cambridge.
- 1999- Reviewer for Architectural Press, Bloomsbury Publishing, Building Research & Information, Built Environment Journal, Earthscan, Energy Research and Social Science Journal, Solar Energy Journal, Taylor & Francis and other publications.
- 1999 Research Assessor for UK Engineering and Physical Sciences Research Council
- 1999 Research Assessor for Fondacyt Research Council, Chile.
- 1998-01 External Examiner, MSc Advanced Environmental & Energy Studies, Univ. of East London.

- 1995 Member Jury Architectural Competition *Sustainable Housing for the Poor*, Gramado, Brazil.
- 1994 Member Jury Competition, *Alternative Human Settlement Planning and Design*. United Nations Economic and Social Commission for Western Asia, Amman, Jordan.
- 1994 Member Jury Architectural Competition, *Architecture of the Extremes*, Dead Sea.
- 1993 Member Technical Committee & Jury Competition, ISES Solar World Congress, Budapest.
- 1991 Member Jury Architectural Competition, Renewable Energy Research Centre, Seville.
- 1990- Referee on professorial appointments for Ben-Gurion University of the Negev, Catholic University of Louvain, Bangladesh University of Engineering and Technology, UCLA, University of Nottingham, University of Cambridge, National Technical University of Athens, Aristotle University of Thessaloniki and others.
- 1988 Member Jury Architectural Competition, Bioclimatic Housing Design in the North of Portugal.
- 1985- External Examiner on some 50 PhD and MPhil research degrees for University of Cambridge, University of Nottingham, Cardiff University, Cranfield University, Robert Gordon University, Open University, University of Sheffield, University of Westminster and University of Kent in the UK; and for Université Catholique de Louvain, Belgium; National Technical University of Athens and Aristotle University of Thessaloniki in Greece; Universidade da Coruña, Spain; and Deakin University, Australia.

SELECTED PUBLICATIONS

- 2016 (with A. Ghione) *Alternative Tourist Accommodation for Venice*. In Proc. PLEA 2016, Los Angeles.
- 2016 (with A. Stanitsa and O. Tsagkalidou) *Environmental Retrofit of the Unexploited Roofscapes in Athens and Thessaloniki*. In Proc. PLEA 2016, Los Angeles.
- 2016 (with L. Jing) *Glazed Balconies for Residential Buildings in Zhengzhou, China*. In Proc. PLEA 2016, Los Angeles.
- 2016 (with D.C. McKee) *Bay Windows of High-Rise Residential Buildings In Hong Kong*. In Proc. PLEA 2016, Los Angeles.
- 2016 (with N. Al Sabbagh and P. Cadima) *Improving Pedestrian Thermal Sensation In Dubai*. In Proc. PLEA 2016, Los Angeles.
- 2016 (with A. Chatzidimitriou). *Microclimate Design for Open Spaces : Ranking the effects of urban design parameters on pedestrian thermal comfort in summer*. In Sustainable Cities and Society 26, pp27-47. Elsevier.
- 2015 *Pesquisa Arquitetônica para o projeto Ambientalmente Sustentável*. In Goncalves J.S. and K. Bode (Eds) *Edifício Ambiental*. Oficina de Textos, Sao Paulo.
- 2015 (with A. Chatzidimitriou). *Microclimate Development in Urban Open Spaces: the influence of form and materials*. In Energy and Buildings 108, pp156-174, Elsevier.
- 2015 (with L. Tschritzis). *The Glazing of Balconies as a Retrofitting Solution for Reducing the Heating Load of the Adjacent Room in Athens*. Proc. of PLEA 2015 Conference, Bologna.
- 2015 (with M. Pamfili). *Redefining Urban Living in Central Athens*. Proc. of PLEA 2015 Conference, Bologna.
- 2015 (with M. Lumbreras). *Reactivating the Courtyard Typology for Work Environments in Mediterranean Regions*. Proc. of PLEA 2015 Conference, Bologna.
- 2015 (with A. Rossi and P.-L. Turco). *Migrant Centre and Primary School in Lampedusa*. Proc. of PLEA 2015 Conference, Bologna.
- 2015 (with A. Andone). *Sunspaces- a retrofit study in Bucharest*. Proc. of PLEA 2015 Conference, Bologna.
- 2015 (with M. Nanaiah). *Lessons from the Masters: a study of tertiary educational buildings in india*. Proc. of PLEA 2015 Conference, Bologna.
- 2015 (with A. Scofone). *Reshaping Cities after a Natural Disaster*. Proc. of PLEA 2015 Conference, Bologna.
- 2014 (with P. Martin del Guayo). *Improving Outdoor Urban Environments: Three case studies in Spain*. Proc. of PLEA 2014 Conference, Ahmedabad.
- 2014 (Co-editor with A. Krishan, N.V. Baker, S.V. Szokolay) *Climate Responsive Architecture: a design handbook*. Tata McGraw Hill, New Delhi.

- 2013 *Adaptive Architecturing- a learning process*. Proc. of PLEA 2013 Conference, Munich.
- 2013 *Architectural Research for Sustainable Environmental Design*. Proc. ENHSA Conference, Naples.
- 2013 *Adaptive Architecturing*. In Braham W. And D. Willis (Eds) Architecture & Energy Routledge.
- 2013 (co-editor with Willi Weber) *Lessons from Traditional Architecture*. Earthscan/Routledge.
- 2011 *Architecture of Transitions*. In Yeang, K. (Ed) Green Design. Black Dog Publishing.
- 2011 *Adaptive Strategies for an Ecological Architecture*. AD Architectural Design John Wiley & Sons.
- 2010 *La Formation a la Conception Durable au Royaume Uni*. Le Carre Bleu, no.3-4.
- 2009 *What Can Buildings Tell Us, What Can We Tell Back*. Proc. PLEA 2009 Conference, Quebec.
- 2009 (with O.D. Corbella) *Em Busca de Uma Arquitetura Sustentável para os Trópicos*. Editora REVAN, Rio de Janeiro. 2nd Edition.
- 2008 *Reconceiving the Built Environments of the Gulf Region: Challenging the Supremacy of Airconditioning*. A2 Magazine, Issue #7, pp42-65.
- 2007 *Dynamic Structures*. Proc. Passive and Low Energy Cooling Conference.
- 2006 (with E. Erell and J.L. Molina). *Roof Cooling Techniques: a design handbook*. Earthscan / James & James, London / New York.
- 2006 *Learning Environment*. Proc. PLEA 2006 Conference, Geneva.
- 2006 (with E. Erell and J.-L. Molina) *Roof Design for Cooling*. Proc. PLEA 2006 Conference.
- 2006 (with A. Chatzidimitriou and N. Chrisomallidou). *Ground surface materials and microclimates in urban open spaces*. Proc. PLEA 2006.
- 2006 *Sustainable Design in Architecture*. Pos. Faculty of Architecture & Urbanism, University of Sao Paulo.
- 2005 *Education for Sustainable Architecture*. PLEA 2005 Conference, Beirut.
- 2005 (with M. Marcondes and K. Bode) *Double-Skin Facades in High-Rise Office Buildings in Sao Paulo*. PLEA 2005 Conference, Beirut.
- 2005 (with G. Brunelli) *Effect of Roof Shape on the Daylight Performance of Industrial Buildings*. PLEA 2005 Conference, Beirut.
- 2005 (with A. Chatzidimitriou and N. Chryssomallidou) *Microclimatic Modifications of an Urban Street in Northern Greece*. PLEA 2005 Conference, Beirut.
- 2004 *Adaptive Skins & Microclimates*. Proc. PLEA 2004 Conference, Eindhoven.
- 2004 (with A. Chatzidimitriou) *Microclimatic Studies of Urban Open Spaces in N. Greece*. Proc. PLEA 2004 Conf. Eindhoven.
- 2004 *Environmental Architecture: key issues & recent projects* (English and Chinese text). In World Architecture, Beijing.
- 2003 (with F. Summers, N. Gezer, O.T. Karaguzel και Y. Somuncu) *Comparative Studies of Traditional and Contemporary Construction in Turkey*. Proc. PLEA 2003 Conference, Santiago.
- 2003 *Towards Environmentally Responsive Architecture*. Proc. PLEA 2003 Conference, Santiago.
- 2003 (with F. Heidt and others) *IDEA Software*. Proc. PLEA 2003 Conference, Santiago de Chile.
- 2002 How do I know if it is what they say it is? (in Greek) Journal of Architects, Thessaloniki.
- 2002 (with F.D. Heidt and others). *IDEA Interactive Database for Energy-Efficient Architecture*. Environmental Management and Health, vol. 13, no. 4 MCB UP Limited.
- 2001 (with O.D. Corbella). *Learning from Built Examples in Rio de Janeiro*. Proc. PLEA 2001 Conference, Florianopolis, Vol.2, pp1029-1032.
- 2001 (with O.D. Corbella and V. Corner). *Outdoor Spaces and Urban Design: case studies of two plazas in Rio de Janeiro*. Proc. PLEA 2001 Conference, Florianopolis, Vol.2, pp655-659.
- 2001 *Toward More Sustainable Cities*. Solar Energy, Vol. 70 No. 3 pp281-294, Elsevier Science Ltd.
- 2001 *Bioclimatic Principles of Urban Design* (in Greek *Βιοκλιματικές Αρχές Πολεοδομικού Σχεδιασμού*). Chapter 4, Volume A, *Environmental Technology*, Hellenic Open University, Patras, pp 175-234
- 2001 *Environmental Design Tools and Application Software* (In Greek *Αναλυτικά Εργαλεία και Λογισμικά Εφαρμογών Περιβαλλοντικού Σχεδιασμού*). Chapter 3, Volume A, *Bioclimatic*

- Design of Buildings*, pp 253-304, Hellenic Open University, Patras.
- 2001 *Environmental Assessment Methods* (In Greek *Μέθοδοι Περιβαλλοντικής Αξιολογήσης*). Chapter 4, Vol A, *Bioclimatic Design of Buildings*, pp 305-332, Hellenic Open University.
- 2000 (with S. Alvarez, E. Maldonado, M. Santamouris). *Designing for Summer Comfort. A European Handbook*. European Commission Altener Programme.
- 2000 (co-editor with K. Steemers). *Architecture City Environment*. James & James (Science) Publishers.
- 2000 (with S. Alvarez, E. Maldonado και M. Santamouris). *Passive Cooling of Buildings*. Proc. of European Commission ALTENER Conference, Toulouse.
- 1999 *Roof Design for Natural Cooling*. In Szokolay, S.V. (ed.) *Sustaining the Future*, Vol. 1, pp427-434. PLEA International / University of Queensland, Brisbane.
- 1999 (with Z.F. Ali) *Masters in the Tropics: environmental features of the buildings of Le Corbusier and L.I. Kahn in Bangladesh and India*. In Szokolay, S.V. (ed.) Proc. PLEA 99, Vol. 1, pp41-46.
- 1999 *Toward More Sustainable Cities*. Proc. Internat. Conf. on Sustainable Development and Spatial Planning, Athens.
- 1998 *Living with the City: urban design and environmental sustainability*. Proc. PLEA 98 Environmentally-Friendly Cities, pp41-48, James & James (Science) Publishers, London.
- 1998 (with O. D. Corbella) *Environmental Study of Two Shopping Malls in Rio de Janeiro*. In Proc. PLEA 98 Environmentally-Friendly Cities, pp483-486, James & James (Science) Publishers.
- 1998 (co-editor with E.Maldonado). *Environmentally-Friendly Cities*. James & James (Science) Publishers.
- 1998 *Calefaccion Solar Pasiva y Control de Perdidas de Calor*. In Rosales, L. (ed) *Energia y Habitat*. EC Alfa Built, FAU Universidad Central de Venezuela, Caracas.
- 1997 (with E. Maldonado και H. Goncalves) *Thermal Performance of Buildings in Summer in S. Europe*. *Int. J. Solar Energy* Vol. 19, pp161-178, Overseas Publishers Association, Amsterdam.
- 1996 (with P. Cadima). *The Role of the Balcony on Buildings in the Contemporary European City*. In Proc. PLEA 96, Louvain-la-Neuve.
- 1996 *Education for Environmentally Sustainable Architecture* (in Japanese translation). *Journal of the Architectural Institute of Japan*, December 1996.
- 1996 *Energy Indices and Performance Targets for Housing Design*. *Energy and Buildings* 23, pp237-249, Elsevier Science, Lausanne.
- 1995 *Design of Educational Buildings: a portfolio of resource material for teachers and students of architecture*. In Proc. of Internat. Conf. for Teachers of Architecture. Alinea, Florence.
- 1994 *Energy Index: a design support tool for early stages*. In *Architecture of the Extremes*, Proc. of PLEA 94 Conference, pp215-222.
- 1994 *Solar Energy and Housing Design. Volume 1: Principles, Objectives, Guidelines. Volume 2: Built Examples*. Architectural Association Publications, London on behalf of UK Department of Trade & Industry.
- 1994 *Design of Educational Buildings. Book 1 Primer. Book 2 Examples*. Architectural Association, London for EC Solinfo Programme.
- 1993 *Heat Loss Control and Passive Solar Heating. Book 3, Module 1. Housing Examples. Book 2, Module 2. School Building Typology. Book 3, Module 2. Weather Data. Book 1, Module 3. "Building Science and Environment Conscious Design"*. European Commission TEMPUS Joint European Project. Environment & Energy Programme, Architectural Association Graduate School, London.
- 1993 *What you say, What it is, What they get: semantic, methodological and epistemic issues in the continuing discourse on architecture and environment*. ISES World Congress, Budapest.
- 1993 *Building Science and Environment Conscious Design: a TEMPUS Joint European Project*. ISES World Congress, Budapest.
- 1992 (with M. Antinucci and others). *Passive and Hybrid Cooling of Buildings: State-of-the-Art*. *Int. J. Solar Energy*. Vol 11 pp251-271, Harwood Academic Publishers GmbH.
- 1991 (with E. De Oliveira Fernandes). *Architecture and Technology: Environment-Conscious Design in the 1990's*. In *Process Architecture*, No.98, Tokyo.

- 1991 (with S. Alvarez, J. Lopez and E. de Oliveira Fernandes) *Architecture and Urban Space*. Kluwer Academic Publishers, Dordrecht.
- 1991 (with Y. Kodama and J. Cook). *Passive and Low Energy Architecture*. Special Issue of *Process Architecture* No.98, Tokyo (160 pages; English and Japanese text).
- 1991 *Climate-Responsive Design for Educational Buildings*. In *Bioclimatic Architecture and Planning*, Proc. 8th International PLEA Conference, Technical University of Nova Scotia, Halifax.
- 1990 *La scienza in un approccio regionale all'architettura*. In Los, S. (Ed) *Regionalismo dell'Architettura*. Franco Muzzio & c. editore s.p.a., Padova.
- 1989 *Physics and Architecture: Issues of Knowledge Transfer and Translation to Design*. *Solar & Wind Technology Journal*, Vol. 6, No.4 pp301-308, Pergamon Press, Oxford.
- 1989 *Passive Solar Heating and Energy Efficient Housing Design*. Proc. Second European Conference on Architecture, pp548-555. Kluwer Academic Publishers, Dordrecht.
- 1989 (with F. Butera and O. Corbella). *Interaction between Physics and Architecture in Environment-Conscious Design*. Special Issue *Solar & Wind Technology Journal*, Vol. 6, No. 4. Pergamon Press, Oxford.
- 1988 (with E. De Oliveira Fernandes). *Energy and Buildings for Temperate Climates*. Pergamon Press, Oxford.
- 1986 (with N. Pelekanos and A. Tombazis). *Vernacular Architecture in Greece: a survey from the bioclimatic point of view*. Proc. PLEA 84 Conference.
- 1985 (with W. Pascall) *Architectural Integration of Passive Solar Conservatories in Housing*. Proc. UK-ISES Conference, London.
- 1984 *Conservation Practices and Potentials in Various Climates*. Proc. PLEA 84 Conference. Pergamon Press, Oxford.
- 1984 (Ed. with A. Bowen). *Passive and Low Energy Ecotechniques for Housing*. 3 volumes (English and Spanish text). Pergamon Press, Oxford.
- 1983 (with N.V. Baker) *Passive Solar Retrofits in Athens*. Proc. PLEA 83 Conference, Pergamon Press, pp201-210.
- 1983 (with K. McCartney). *A Passive Solar Design Exercise*. Proc. PLEA 83 Conference, Pergamon Press, pp763-771.
- 1983 (Ed.) *Passive and Low Energy Architecture*. Pergamon Press, Oxford (930 pages).
- 1983 *Bioclimatic Design* (In Greek Βιοκλιματικός Σχεδιασμός. Αρχιτεκτονική και Ηπιές Μορφές Ενέργειας). Issue 5-6, Journal of Institute of Greek Architects, Athens (65 pages).
- 1981 (with G. Wilkenfeld). *Training and Participation in Building Energy Management*. In Proc. of the Internat. Congress on Building Energy Management. Pergamon Press, Oxford.
- 1981 (with P. Page). *Energy Education in Schools: Field Studies in two Essex Schools*. In West, R. (Ed). *Energy and the Environment*. Science Reviews, London.

PIER VITTORIO AURELI

Unit Master Diploma School

Pier Vittorio Aureli is an architect and educator. His research and projects focus on the relationship between architectural form, political theory and urban history. He is Louis Kahn Visiting Professor at the School of Architecture at Yale University and is the author of *The Possibility of an Absolute Architecture* (2011) and *The Project of Autonomy: Politics and Architecture Within and Against Architecture* (2008). Aureli is co-founder of Dogma, an architectural studio based in Brussels and focused on the project of the city.

EDUCATION

2005, PhD in Architecture, Technische Universiteit, Delft, Berlage Institute, Rotterdam.

2003, Doctorate in Urban Planning, Istituto Universitario di Architettura di Venezia (I.U.A.V).

2001, Master in Architecture, The Berlage Institute, Rotterdam.

1999, Laurea in Architettura, full marks *cum laude*, Istituto Universitario di Architettura di Venezia (I.U.A.V).

1990 – 1992, Studies at the Somer Akademie für Bildende Kunst, Salzburg.

1990 – 1992, Studies at the Accademia of Fine Arts, Rome.

1987 – 1991, Liceo Artistico, Rome

TEACHING

2013 – Present, The William B. and Shepherd Davenport Visiting Professor, Yale School of Architecture, Yale University, New Haven.

2014 – Present, Director PhD Program “City/Architecture, Architectural Association, London

2009 – Present, Unit Master (Diploma 14), Architectural Association, London

2005–Present Lecturer, History and Theory Program, Architectural Association, London

2014, Visiting Professor ETH, Federal Polytechnic, Faculty of Architecture, Zurich, Switzerland.

2008–Present, Coordinator PhD Program “The City as a Project” at the Berlage Institute, Rotterdam.

2010 – Present, Visiting Professor, Barcelona Institute of Architecture

2003–2011, Second Year Research Coordinator and Studio Professor at the Berlage Institute, Rotterdam.

2005 – 2008, Visiting Professor, Columbia University, New York.

2005–2007, Visiting Professor, Accademia di Architettura, Mendrisio, Switzerland.

2004 – 2007, Visiting Professor, Faculty of Architecture, Technische Universiteit Delft, The Netherlands.

2002–2004, Visiting Critic and Visiting Lecturer, ETH, Federal Polytechnic, Faculty of Architecture, Zurich, Switzerland.

AWARDS AND PRIZES

2006, Award, International Iakov Chernikhov Prize (as Dogma)

2014, Award, Grant from the Flemish State Architect for research on the transformation of office space into housing (as Dogma).

1999, Award, Premio Fondazione Carive di Venezia per studi Post Laurea, Venice, Italy.

1991, Award, Somer Akademie für Bildende Kunst, Salzburg, Austria.

2014, First Prize, International competition for the transformation of the regional area between Durrës and Tirana (as Dogma)

2006, First Prize, International Urban Ideas Competition for the New Multi-Functional Administrative City in the Republic of Korea. (as Dogma)

2000, First Prize, International Competition for the Renovation of the Foro Boario in Rome, Roma, Italy, 2000. (as Dogma)

2001, First Prize, Competition for the Pinksterbloem Playground, Amsterdam

2011, Finalist, International Competition for Taichung Gateway Park, Taichung, Taiwan (as Dogma)

2012, Second Prize, Invited Competition for the redevelopment of the city of Aalst, Belgium (as Dogma)

2012, Second Prize, Invited Competition for social housing complex in Westerlo, Belgium.

2002, Second Prize, Shinkenchiku International Ideas Competition, Tokio, Japan, 2002.

2000, Second Prize, Tank Award International Ideas Competition, London, UK. (As Dogma)

PROFESSIONAL EXPERIENCE

2003 – Present, Dogma, professional Practice in partnership with Martino Tattara.

2000 – 2002, Xaveer de Geyter Architects, Brussels, Belgium.

2000, Gigantes Zenghelis architects, Brussels, Belgium.

ORGANIZED CONFERENCES AND SYMPOSIA

2014, “The Dom-ino Effect: The Legacy of Le Corbusier’s Maison Dom-ino”, One day symposium. Invited Speakers: Tim Benton, Peter Carl, Maria S. Giudici, Justin McGuirk, Platon Issaias, Marina Lathouri, Mary McLeod, Francesco Passanti, Stanislaus Von Moos.

2010 – 2012, “The City as a Project” PhD seminars series at the Berlage Institute. Invited speakers: Sven-Olov Wallestein, Mary McLeod, Joan Ockman, Lucia Allais, Matteo Pasquinelli, Cesare Birignani, Felicity Scott, Mario Carpo, Lukasz Stanek, Sebastien Marot, Jean Louis Cohen, Anthony Vidler, Philippe Morel, Andrew Leach, Gail Day, Braden W. Joseph, Douglas Spencer.

2010 – “The Non-Figurative City: Rethinking the Legacy of Ludwig Hilberseimer”, one day symposium at the Berlage Institute, 19th March 2010. Invited speakers: Andrea Branzi, Philippe Morell, Charles Waldheim, Markus Kilian, Martino Tattara, Albert Pope.

2008 – “Critical Judgement: Architectural Criticism and the Politics of City Form” one day symposium at the Academia Belgica in Rome. Invited speakers: Giorgio Ciucci, Luis Fernandez-Galiano, Richard Ingersoll, Joan Ockman, Andreas Ruby, Mario Tronti, Elia Zenghelis

PUBLICATIONS

Books

Communal Villa (Spector Books: Leipzig, 2015), co-author

Less is Enough: On Architecture and Asceticism (Strelka Press: Moscow, 2013)

The Possibility of an Absolute Architecture (MIT Press: Cambridge, Ma., 2011)

The Project of Autonomy: Politics and Architecture within and against Capitalism (Princeton Architectural Press: New York, 2008).

Rituals and Walls: The Politics of Sacred Space (AA Publications: London 2015, Forthcoming)

The City as a Project (Ruby Press: Berlin, 2014)

Dogma 11 Projects (AA Publications: London, 2013), co-author

Rome: The Centre(s) Elsewhere (Skira: Milan, 2011), co-author

Brussels: A Manifesto. Towards the Capital of Europe (NAI Publisher: Rotterdam 2011), co-author

Peter Eisenman: Tutte le Opere (Electa: Milan, 2007), co-author

Selected Essays and Articles

"A Room Without Ownership" in *Hannes Meyer: Co-Op interieur* (Spector Books: Leipzig, 2015)

"Intangible and Concrete: Notes on Architecture and Abstraction" in 'E-Flux Journal' n. 64, April 2015

"Form and Labor: Towards a History of abstraction in Architecture" in Peggy Deamer (ed.), *Architecture and Labor* (London: Bloomsbury, 2015)

"Dwelling Within Abstraction" in Albert Pope, *Ladders* (Princeton Architectural Press: New York, 2015).

"The Dom-ino Problem: Questioning the Architecture of Domestic Space" in "Log 30" Winter 2013, Winter 2014.

"The Return of the Factory" in Kadri Klementi et al. *Recycling Socialism*, Catalogue of Tallin Architectural Biennale (TAB: Tallin, 2014)

"Manfredo Tafuri, Archizoom and Superstudio and the Critique of Ideology" In Peggy Deamer (ed.) *Architecture and Capitalism: 1845 – Present* (Routledge: London, 2013).

"More Money and Less Work: Archizoom" in Alex Coles, Catharine Rossi *EP V. 1 The Italian Avant-Garde, 1968-1976* (Sternberg Press: London, 2013).

"In Hilberseimer's Footsteps" in Ludwig Hilberseimer, *Metropolis-Architecture* (GSAPP Sourcebook: New York, 2013).

'Indifference and Absorption of Architectural Form: Notes on Le Corbusier's La Tourette Monastery' (With Maria S. Giudici), in "San Rocco" n. 7, Fall 2013.

"The Thickness of the Façade: Notes on the Architecture of Caruso St. John" in *Caruso St. John: Form and Resistance, 1993-2013* (El Croquis: Madrid 2013).

"The Theology of Tabula Rasa: Walter Benjamin and the Architecture in the Age of Precarity" in "Log 27" Winter 2013.

"Manet: Images for a World Without People" in "Scapegoat3" Spring/Summer, 2012

"Pretty Vacant: Architecture Between Monumentality and Abstraction" in *Atelier Kempe Till: Project and Buildings 1999-2011* (Hatje Kantz: Hamburg, 2012, forthcoming)

"Rethinking the Autonomy of Architecture: The Architectural Project and the Production of Subjectivity" in "Harvard Design Magazine 35", Spring/Summer 2012.

"Architecture for Barbarians: Ludwig Hilberseimer and the Rise of the Generic City" in AAFiles 63, Fall 2011.

"Labour and Architecture: Revisiting Cedric Price's Pottery Thinkbelt" in "Log 23", Fall 2011.

"The Barest Form in Which Architecture Can Exist: Some Notes on Ludwig Hilberseimer's Chicago Tribune Building" in "SanRocco 2", Spring/Summer 2011

"City as Political Form: Four Archetypes of Urban Transformation" in "Architectural Design" Volume 81, Issue 1, January February 2011.

"Recontextualizing Tafuri's Critique of Ideology" in "Log 18", Winter 2010.

"Aldo Rossi: Locomotiva 2, Competition Entry for a Directional Centre, Turin, Italy" in Brett Steele, Francisco Gonzales de Canales (edited by) *First Works: Emerging Architectural Experimentation of the 1960's and 1970's* (London: Architectural Association, 2009)

"Mannerism and the Work of EM2N" in Andreas and Ilka Ruby (edited by), *EM2N Both And* (Zurich: GTA Verlag, 2009).

"The Geopolitics of the Ideal Villa: Andrea Palladio and an Anti-Ideal Project of the city" In *AAFiles* 65, Fall 2010

"More and More About Less and Less: Notes Towards a History of Non-Figurative Architecture" in "Log 16" Spring/Summer 2009.

"Secular Monumentality in the Architecture of Palladio and Mies" in Florian Sauter (edited by) *Iconoclasm: News From a Post-Iconic World* (Barcelona: Actar, 2009)

"Architecture as Framework: The Project of the City and the Crisis of Neo-Liberalism" in "New Geographies 1" Winter 2009.

"Towards the Archipelago: Defining the Formal and the Political in Architecture" in "log 11", Winter 2008

"City as Political Form" in: *Power. Producing the Contemporary City* (NAI Publisher, Rotterdam, 2007).

"The difficult whole. Typology and the singularity of individuality of the urban artifact in the early work by Aldo Rossi. 1954-1964" In "Log 9", Spring 2007.

"Obstruction – A Grammar for the City" in "AAFiles", n. 54

"Complessita' e Contraddizioni. Oltre la fenomenologia della crisi", in "Parametro" n. 263, 2006.

"The Solitude of the Project", (with Manuel Orazi), in "Log 7", Winter 2006.

"Architecture after the Diagram" (with Gabriele Mastrigli), in "Lotus" n. 127, 2006.

"After the Diagram", in "Log 6", Fall 2005.

"Il mestiere di vivere" in *Domus*, September 2006

"With the Fits in the Pocket", in Alberto Alessi (edited by), *Italy Now, Country Position in Architecture*, Ithaca, 2005.

"L'ordine del Progetto" in: Aimaro Isola (edited by), *INFRA*, Milano, 2005

"Aldo Rossi" Entry *Enciclopedia Arte-Novecento*, Corriere della Sera, Motta Editore (edited by Umberto Eco).

"Masterplan pour la capitale de l'Europe", in "A plus" n. 195, August-September 2005.

"Oltre il Diagramma" (with Gabriele Mastrigli), in Peter Eisenman, *Contropiede*, Milan, 2005.

"From Realism to Reality. A future for Dutch Architecture", in "Oase#67: After the Party. Dutch Architecture 2005", Fall 2005.

"Theory and Criticism" (with Gabriele Mastrilgi), in "World Architecture", September, 2005.

"Il Padiglione di Otterlo del Gruppo A12" in: *50 Architetti under 50, Milano*, 2005

"Vivre sa Vie. Notes on the work of Kersten Geers and David Van Severen", in: Morizt Kung (edited by), *'35m³ Office Kersten Geers David Van Severen*, Antwerpen, 2005.

"The Difficult Whole. Typology and individuality of the urban artifact in Aldo Rossi's early theoretical work, 1954-1966", Paper presented at the Annual Meeting Society of Architectural Historian, Vancouver, April 2005.

"The City as Archipelago" in: Joachim Declerk, Martino Tattara (edited by), *Tirana Metropolis*, Rotterdam, 2005.

"Mannerism and the Manner at the time of Eisenman" in: Peter Nover (edited by), *Peter Eisenman. Barefoot on white-hot walls*, Berlin, 2005.

"Literal Procedure" in: e 2 a, Eckert und Eckert Architekten, *Wohnbauten im Broëlberg*, Zurich, 2005.

"Architecture and Content. Who's afraid of the Form-Object", in: "Log 3", Fall 2004.

"Archeology in the Age of Empire", in: "Hunch The Berlage Report" n.8, Fall 2004.

"Ding an Sich. Autonomia Rivisitata. Una Conversazione con Peter Eisenman", in: "Parametro" n. 252-253, July-October 2004.

"Postmodern Oppositions. Eisenman vs. Koolhaas" in: "Arquitectura Viva" no. 88, January-Febrary 2004.

"1966, Autonomy and Reality. Robert Venturi, Aldo Rossi, Dan Graham, Robert Smithson." Paper presented at the 1st PhD International Symposium, Urbanism and Urbanization, Katholieke Universiteit Leuven, February 2004.

"Archipelago City", in: Veronique Patteuw (edited by), *51N4E Space Producers*, Rotterdam, 2004.

"Il Progetto come controparte critica" in: "Arch'it", 17 March 2003.

"Architettura e Citta'. Note a margine della Crisi" in: "Arch'it", 9 December 2003.

"Roma dopo la Citta' Moderna", in: Parametro n. 240-241, July-October, 2002.

"Design for a world without People. The story of Gert Jan Willemse" (with Saskia Kloosterboer), in: "Hunch, The Berlage Report" n.4, 2001.

"From Nothingness to Nothing at All. An answer to Rem Koolhaas" (with Irene Lund), in "Hunch, The Berlage Report" n.4, 2001.

PHD SUPERVISION

Continuing

Jingru Cyan, "Hukou Reform as Urban Reform: Rethinking the Superblock as New Model for Governance in China", Architectural Association, London

Olivia Neves Marra, "The Garden as Political Form: From Archetype to Project", Architectural Association, London

Samaneh Moafi, "Housing the Masses: Domestic Architecture, Governance and Conflict in Iran", Architectural Association, London

Davide Sacconi, 'Archetypes: A Project for the Brazilian city'

Successfully Completed PhD Theses

Christopher C.M. Lee, "Dominant Types: Typological Ideas for and from the City", TUDelft/Berlage Institute

Bernardina Borra, "The Concept of Continuity in Urban Morphology", TUDelft/ Berlage Institute

Amir Djalali, "Beyond Public Space: Collective Intelligence and the Production of Common Space", TUDelft/Berlage Institute

Fernando Donis, "Mass-Produced Classicism: Rethinking the Relationship Between Economy and Architecture", TUDelft/Berlage Institute

Maria S. Giudici, "Commonplaces: Rethinking the Architecture of the Street", TUDelft/Berlage Institute

Platon Issaias, "Beyond the Informal City: The Lump City of Athens and the Possibility of an Urban Common", TUDelft/Berlage Institute

Hamed Khosravi, "Teheran has a Coast: Geopolitics of a Megalopolis in Formation", TUDelft/Berlage Institute

Francesco Marullo, "Typical Plan: The Architecture of Labour and the Space of Production", TUDelft/Berlage Institute

LAWRENCE BARTH BA MA

Senior Lecturer, MA Housing & Urbanism

EDUCATION

- | | |
|-----------|---|
| 1973-1978 | BA, Geography, University of California at Los Angeles; Departmental Honors, Dean's List, Magna Cum Laude. |
| 1976-1977 | Georg August Universität, Göttingen, Germany. (Year Abroad) |
| 1979-1981 | MA Program, Economic Geography, McGill University, Montreal, Canada. |
| 1981-1988 | Ph.D. Candidate, Graduate School of Architecture and Urban Planning, University of California at Los Angeles. |

TEACHING

- | | |
|-----------|---|
| 1993-1998 | Lecturer, Department of Sociology, University of Essex.
Responsible for developing and teaching courses in political sociology and urban studies. Established an urban component for the MA course in Pacific Rim Studies. |
| 1998-2002 | Part-time Lecturer, Department of Politics and Sociology, Birkbeck College, University of London. |
| 2002-2003 | Part-time Lecturer, MA Programme in Cultural and Critical Studies in the Department of Humanities, Birkbeck College, University of London. |
| 1998- | Senior Lecturer, AA Graduate School. |

CONSULTING (Selected Recent Projects)

- | | |
|-----------|---|
| 2001-2003 | Consultant Urbanist to Zaha Hadid Architects, one-north Masterplan, Singapore. (Urban Strategy) |
| 2003 | Consultant Urbanist to Zaha Hadid Architects, Refinement of the Masterplan for Vista Xchange District, one-north Masterplan, Singapore. (Urban Strategy) |
| 2003-2004 | Consultant Urbanist to Zaha Hadid Architects, Zorrozaurre Masterplan, Bilbao, Spain. (Urban Strategy) |
| 2003-2004 | Consultant Urbanist to Zaha Hadid Architects, Competition Entry for New York City 2012, Olympic Village. (Urban Strategy) |
| 2004 | Consultant Urbanist to Zaha Hadid Architects, Competition Entry for The Highline, New York. (Urban Strategy) |
| 2004-2005 | Consultant Urbanist to Zaha Hadid Architects, Olabeaga Illustrated Brief leading to Masterplan, Bilbao, Spain. (Urban Strategy) |
| 2004-2005 | Lead Consultant, Revised Masterplan and Conceptual Design Guidelines for Nepal Hill and ICT-Media Districts, one-north Masterplan, Singapore. Client: JTC Corporation. With S333 Architecture and Urbanism. |
| 2006- | Consultant Urbanist to Zaha Hadid Architects, Regeneration Masterplan for Kartal-Pendik District, Istanbul, Turkey. |
| 2006- | Consultant Urbanist to Gustafson Porter Landscape Architects, Gardens By the Bay Masterplan, Singapore |

INVITED LECTURES AND CONFERENCES (Selected Recent)

- | | |
|------|---|
| 2004 | Zaha Hadid's Masterplan for Zorrozaurre: Urban Challenges and Design Responses. Forum for a Sustainable Zorrozaurre, Bilbao, Spain. |
| 2005 | Landscape and the Challenge of Urban Regeneration. Universidad Católica Boliviana, La Paz, Bolivia. |
| 2006 | Type and Void: Architectural Investigation for Dynamic Cities. Colegio de Arquitectos, Bilbao, Spain. |
| 2006 | The Architecture of Innovation. Future Cities Lecture Series. Barbican Centre, London. |

2006 Invited Participant, Global Leadership Forum on Economic and Cultural Development, San Jose, California

PUBLICATIONS (Selected Recent)

1998 "Michel Foucault" in Key Sociological Thinkers ed. Rob Stones.
 1999 "Revisited: Henri Lefebvre and the Urban Condition" in Daidalos 75.
 2002 Review Essay: The Good Life: A Guided Visit to the Houses of Modernity by Inaki Abalos. AA Files 48.
 2003 "Zaha Hadid's Masterplan for one north" in Alternative Postmodernity: An Asian Perspective by William S. W. Lim.
 2003 "Diagram, Dispersal, Region" in Landscape Urbanism: A Manual for the Machinic Landscape ed. Ciro Najle and Mohsen Mostafavi.
 2004 "El Plan de Zaha Hadid para Zorrozaurre: Desafios urbanos y respuesta de diseño" in Foro para un Zorrozaurre Sostenible ed. Almudena Garrido and Robert Alcock.
 2005 Review Essay: Recombinant Urbanism by David Graham Shane. AA Files 52

RESEARCH (Selected Current Projects)

Currently completing a two-year research project on Housing for the 21st Century concerning concepts and models of density and intensity, funded by the Royal Commission for the 1851 Exhibition. Research focuses on the role of architecture in implementing regeneration schemes in compact urban environments.

2005- Participating in an international, multi-institutional and cross-sector research network on Metropolitan Hubs and Regions, Innovation Environments and Governance in Knowledge-Based Societies. Partnership includes members from Europe, America, and Asia, and the Workgroup centred at the Architectural Association focuses on the role of architectural urbanism in responding to urban changes in the contemporary knowledge-driven economy.

DOREEN BERNATH

Course Tutor MArch Architecture & Urbanism
Lecturer History & Theory

- 2011 President's Award for Research (shortlisted 1 of 4 finalists)
Royal Institute of British Architects
PhD thesis 'China and Pictorial Introjection'
- 2010 Awarded top research grant for fieldwork in China
University of Plymouth Faculty of Arts Research Committee
£6,780 awarded to project 'Re-constructing Heritage: Place- & Culture- Making in Modern Northeast China'
- 2009 Awarded Young European Scholars Travelling Grant
Dept of Chinese Language & Culture, University of Hamburg
Conference title: 'Confucianism for the 21st Century?'
- 2007 Award Grade A British Academy research assessment board
'Encyclopaedia of Architectural Concepts for Chinese Speakers',
AA, London (Collaborator: Hua Li, Supervisor: Mark Cousins)
- 2005 Awarded RIBA LKE Ozolins Doctoral Studies Scholarship
£40,800 (3 years) awarded annually to 1 recipient nationwide
- 2005 MA Dissertation Distinction, Architectural Association
Dissertation Title: 'Assembling Billboards of the Image of Progress
- image-making and architectural production in China'
- 2001 Sindall Prize, Department of Architecture, Cambridge University
Awarded for the best studio work with attention to the mode of
construction and the selection and use of materials

Academic Positions & Experience

External Examiner, BA (Hons) Fine Art, History + Theory
component, Southampton Solent University by invitation of Course
Leader Nicola Chamberlain & Dr. Atsuhide Ito

History + Theory Graduate Programme Tutor (part-time Grade 7)
Bartlett School of Architecture, UCL, UK
course title: "I don't want to be a tree; I want to be its meaning.'
Hetero-Architecturas: Embodiment, Medium and Translation'

History + Theory Programme Tutor, AA Diploma School, UK
course title: 'Forensis in Translation: Elusive Embodiment between
Idea and Form'

- 10.2012 - PhD supervision (second supervisor), AA Graduate School
Jingming Wu PhD proposal title: 'Scholars in the Brothel: Theatrical
Game of Architecture in Antiquity China'
- 02.2010 - Lecturer in Architecture (full time 1.0FTE at Grade 7 £35,000)
07.2012 University of Plymouth, School of Architecture
full time academic post in BA and Master programmes
- 10.2011 - ERASMUS research exchange in architecture and technology
12.2011 Cornwall and Kartal Minescape - post-industrial regeneration
in collaboration with Prof. Erdem of Istanbul Technical University

- 08.2011 Digital Architectural Summer School, University of Costa Rica
Algorithm, Scripting and Digital Design Theories tutor
in collaboration with Dr. Guzman & Robert Stuart-Smith of AA
- 04.2011 Design Workshop at Ming Zhi University of Technology, Taiwan
in collaboration with Dr. Xue of University of Middlesex
- 07.2010 Advanced Digital Architectural Design Summer School
Technologies and Theories tutor, participating schools Detmold,
Istanbul, Milano, Roma, Belo Horizonte
- 01.2010 - 09.2012 'Re-constructing Heritage: Place- & Culture- Making in Modern
Northeast China'
Co-organiser: research project & international conference
Funded by Chiang Jing-guo International Scholar Exchange,
London School of Economics, and University of Plymouth
- 10.2008 - 09.2009 Course Tutor, Histories and Theories Studies Programme, AA
Course title: 'China and the Pictorial Introjection'
Programme Director: Mark Cousins
- 01.2007 - 05.2008 PhD Dialogues Symposium: 'The Critique of the New', AA
Conference Organiser, international research symposium
- 02.2005 - 06.2005 Institute of Architecture, University of Nottingham
Assistant Tutor, MA and Diploma School studio design
Design Project: 'Performative Spaces' based in Southbank,
London & exhibition design Prague Biennale
- 10.2000 - 06.2001 Cambridge Architecture Journal – Scroope
Editor of scroope 13 (2001)
Editorial Theme: 'Experience & Presence'

Academic Qualifications

- 2005 - 2009 PhD, Architectural Association, London
Awarded RIBA doctoral scholarship
Thesis title: 'China and the Pictorial Introjection'
Supervisors: Mark Cousins, Teresa Stoppani
- 2004 - 2005 MA Histories & Theories, Architectural Association, London
Awarded Distinction
- 1999 - 2001 MA Dipl. in Architecture, University of Cambridge
Awarded Sindall Prize in studio project design
- 1995 - 1998 BA Honours in Architecture, University of Cambridge
- 1994 - 1995 Department of Natural Sciences, University of Cambridge
completed Part 1A in Biology of Cells, Chemistry, Physics, Maths
- 1982 - 1994 Primary and secondary schools in Taiwan, USA and Ireland
- 10.05.2013 'Severance and Stitching - Grids in Introjective Logic'
presented as part of conference on 'Grid' at AA London
to be published by AA

- 01.11.2012 'China and the Consumption of Reality-Effect'
book chapter in Consuming Architecture
(ed. Daniel Maudline and Marcel Vellinga)
to be published by Routledge 2013
- 28.02.2012 'A Distance of No Unit - effects of relational, representational and
recursive distance in Chinese spatial construction'
book chapter in Distance, Relatedness and the Cartographic
Imagination (ed. Frank Billé and Paula Haas)
to be published by American Anthropological Assoc. in 2013
- 30.05.2012 'Architecture and Its Image - Eulogy in Three Parts'
published article published in Fulcrum: The AAs Weekly Free Sheet
issue 46 (ed. Jack Self and Graham Baldwin), AA Press London
- 06.02.2012 'Curves in Design and Pictures - the Digital Longing for the
to be Uncopyable' - paper presented in public lecture
published 6 Feb 2012 at Architectural Association, London
- 01.11.2011 'Rendering Differentials: Introjective Architecture in the Age of the
published Digital' - published in Architecture Journal of University
of Costa Rica winter 2011
- 01.02.2010 'Dissecting and Scanning: Contrasting Two Modes of Revealing
published the Inside' ('解剖与扫描: 对比两种揭示内部的模式')
published in Time + Architecture 时代建筑 China, Feb 2010
- 01.07.2009 'The Radical Reality-Effect'; Arcade Project Sacrifice Zone
published Commission 5, July 2009
(<http://www.arcade-project.com/sacrifice/index.html>)
Article commissioned by the Arcade Project (funded by Arts
Council England), a zone of critical dialogues on the roles and
connections between artists, architects, art in the public realm and
regeneration
- 05.12.2007 'The Intrusive Rendering - Dictation of Stereotypes and the
published Extra-Ordinary'; Taiwan in Comparative Perspective Vol.1 Nov 07
([http://www.lse.ac.uk/collections/taiwanProgramme/ejournalTaiwan
InComparativePerspectiveVolumes.htm](http://www.lse.ac.uk/collections/taiwanProgramme/ejournalTaiwanInComparativePerspectiveVolumes.htm))
Paper presented at 'Contemporary Urban Culture: Comparative
Perspectives via Taiwan', 5th Annual London Taiwan Conference,
London School of Economics, Taiwan Culture Research
Programme
- 01.06.2000 '921 Ji-ji Taiwan Earthquake'; scroope 12 - Cambridge
published Architectural Journal 2000
- 10.08.2008 Photoshop and the Introjective Cast - a study of a new
language of design in contemporary Chinese architectural practices'
- presented at 'China Centre Stage' - The 7th Biennial European
Assoc. for Chinese Studies Conference, Lund University, Sweden

- 20.06.2008 presented at 'Transmutations: Researching the Asian City' - PhD Student Research Symposium, Urban Design Research Group, School of the Built Environment, University of Nottingham
02.05.2007 presented at 'The Critique of the New' - International PhD Research Symposium, Architectural Association, London
- 09.11.2006 'The Constructed Image as a Space of Translation' presented at 'Identities and Representations' - Greenwich Architecture Open Lecture Series 2006-07, University of Greenwich School of Architecture & Construction
- 20.12.2005 'Images and the Architectural Phenomenon in China' ('影像和中国建筑现象') presented at China Academy of Art (中国美术学院) in Hangzhou

Architectural Practice

- 01.2011 - 07.2012 Jinshan Landscape and Family House project, Taiwan
Collaboration with Research+Design UK, InSpace Lab Taiwan, Sun Chi-Rong Architects, Wang Wen-Shin Design
preliminary design to Stage C proposal 台北金山農舍 (£200K)
- 08.2011 - 12.2011 Guguan Gateway Hotspring Resort Hotel competition bid
Collaboration with Research+Design UK, Arup UK/Taiwan, InSpace Lab Taiwan, Wang Wen-Shin Landscape Design
new luxury eco natural hotspring complex 谷關溫泉飯店 (£40M)
- 05.2006 - 11.2009 O4workshop Ltd. in Shanghai, Toronto & London
Founded with 2 partners Tao Luo and Cheng Zhao collaborates with A+VA Shanghai (建言建筑) on major projects
Sanya Luhuitou Bay Development 三亚鹿回头规划设计
Ningbo Apartments & Hotel Complex 宁波麒麟阁商业住宅区
Beijing Langfang Innovation City 北京廊坊生态技术城市
- 12.2004 - 06.2006 Dialogue - Architecture Magazine, Taiwan
London Correspondence, articles include interview with Bill Dunster, ZEDfactory, Beddington Zero Energy Development (May 2005) and introducing Architectural Association's new Director Brett Steele (April 2006)
- 05.2004 - 11.2004 Meadowcroft Griffin Architects, London
Kilburn Priory Children's Centre, London (£850,000)
Project architect, planning submission to tender & construction
- 10.2001 - 04.2004 David Chipperfield Architects, London
BBC Scotland, Pacific Quay, Glasgow (£65M)
Design development and detailed proposal for Employer's Requirements: public spaces, technical studios, cores packages
Public Library of Des Moines, Iowa, USA (£20M)
Initial concept, schematic design to construction drawings
Office Competitions involved: Novartis Office & Library, Basel; Barcelona Law Courts; Private House, Ascot, UK; Milan Fiera

- 01 - Hahne + Mauz Architects, Munich, Germany
02.2004 collaboration on Carl Maria von Weber Music School extension
competition, Dresden, Germany
- 10.1998 - Fraser Brown MacKenna Architects, London
08.1999 IBM Hursley office fit-out, Peabody Trust Hackney Road
residences

PAULA CADIMA DiplArch AA PhD
Co-Director MSc / MArch Sustainable Environmental Design

paula.cadima@aaschool.ac.uk

Paula Cadima is Co-director of MSc + MArch Sustainable & Environmental Design Programme at the AA Graduate School. She has been in architectural practice and environmental research for more than twenty five years and has taught at the AA Graduate School and at the Faculty of Architecture's Diploma courses, Technical University of Lisbon, where she also created and directed the post-graduate Master's Course on Bioclimatic Architecture. She has worked for the European Commission in Brussels for five years, where she was involved in the management of projects promoting energy efficiency, renewable energy sources and world-class research in emerging fields. She chaired the Environment & Sustainable Architecture working group of the Architect's Council of Europe in 2009 and is the president of PLEA since 2011.

EDUCATION

- 1979-85 Diploma in Architecture, Faculty of Architecture, Technical University of Lisbon (UTL), Portugal
- 1993-94 Environment & Energy Studies Programme, AA Graduate School, Portugal
- 1994-00 PhD Environment & Energy Studies, AA Graduate School, UK

PROFESSIONAL QUALIFICATIONS

- 1985 Certified Professional Training, Stadtplanungsamt Zürich (SPAZ), Switzerland
- 1987 Registered Architect (OASRS - Portugal)
- 2008 Registered Qualified Expert for the Energy Certification of Buildings (OASRS)

TEACHING

- 2014- Co-Director, MSc + MArch Sustainable Environmental Design, AA Graduate School, London
- 2010- PhD Supervisor, PhD Programme, AA Graduate School, London
- 2010-13 Course Master MSc and MArch Sustainable Environmental Design, AA Graduate School, London
- 2002-05 Director, MPhil Bioclimatic Architecture Programme, Faculty of Architecture, UTL, Lisbon
- 2004-05 Professor, Urban Comfort, Architecture & Territorial Planning, Faculty of Architecture, UTL, Lisbon
- 2001-05 Regent Professor, Environmental Design, Architecture, Faculty of Architecture, UTL, Lisbon
- 1994-98 Course Tutor & Research Assistant, MA Environment & Energy Studies, AA Graduate School, London

She is currently supervising 2 PhD candidates at the AA School, has supervised 3 PhD and 1 MPhil students to successful completion and examined 15 PhD (8 in the UK, 2 in Belgium and 5 in Portugal) and 5 MPhil in Portugal.

OTHER ACADEMIC ACTIVITIES

- 2015 Research Assessor, Research Through Design 2015 Call, The Technology Foundation STW - Dutch Funding Agency for Academic Research.
- 2015 External Examiner, PhD School of the Built Environment, University of Nottingham, Nottingham, UK
- 2015 External Examiner, PhD Architectural Sciences, Faculty of Design Sciences, University of Antwerp, Belgium
- 2015 External Examiner, PhD Environmental Engineering, University of Brighton, UK

- 2014-16 External Examiner for Academic Promotions, École Polytechnique Fédérale de Lausanne, Switzerland
- 2014-15 Referee on academic appointments, Faculty of Architecture, Engineering and Urbanism, Université Catholique de Louvain, Belgium
- 2014 Examination Panel Jury, PhD Sustainable Energy Systems MIT Portugal Programme, Faculty of Engineering, University of Porto, Portugal
- 2013 Research Assessor, Bilateral Cooperation Programme, Development of International Networking and Cooperation, Cyprus-Romania, Research Promotion Foundation.
- 2013 External Examiner, PhD Engineering Sciences, Faculty of Architecture, Engineering and Urbanism, Université Catholique de Louvain, Belgium
- 2012 Internal Observer, Re-Validation Committee, Housing & Urbanism Graduate Programme, AA
- 2012 Internal Observer, Re-Validation Committee, Histories & Critical Thinking Graduate Programme, AA
- 2011 Internal Observer, Validation Committee, DipHE in Spatial Design Graduate Programme, AA
- 2010- Internal Examiner, AA PhD Programme
- 2010- Panel Chair, PhD Examination, AA PhD Programme
- 2010 External Examiner, PhD, School of the Built Environment, University of Nottingham, Nottingham, UK
- 2009-10 Internal Examiner, PhD in Technology, Faculty of Architecture, Technical University of Lisbon, Portugal
- 2007 External Examiner, PhD, School of the Built Environment, University of Nottingham, Nottingham, UK
- 2004 External Examiner, PhD Faculty of Science and Technology, University Nova of Lisbon, Portugal
- 2004 External Examiner, PhD in Geography & Spatial Planning, University of Lisbon, Portugal

PROFESSIONAL PRACTICE

- 2003-05 UrbanDynamics - Co-Founder+Director. Projects included the rehabilitation of a mixed-used 18th century building, Lisbon, and the refurbishment of a country palace, Évora, with passive cooling design strategies.
- 1989-90 Tirone Nunes Urbanismo. Passive solar design of a residential condominium, Sintra.
- 1989 Sua Kay Architects. Design of various office buildings, including UBS- Union Bank Switzerland, Headquarter Bank of Portugal, Lisbon, *Edifício Suécia*, Oeiras, Tourism Village *Dunas Douradas*, Algarve.
- 1986-88 ASSO (Arquitectos Associados)/ PAL (Planeamento e Arquitectura), Lisbon. Design of various urban and architectural projects, Hotel *Centromar* and *Caixa Geral dos Depósitos* in Funchal, NATO Lajes airbase and aparthotel in Porto Santo (refurbishment of the old concrete factory), Cultural Centre of Gafanha in Aveiro, Town Hall of Ílhavo with passive solar design strategies and Masterplan for the seafront development of Madeira Island.
- 1986-87 GAPTEC (Technical Office of the Faculty of Architecture in Lisbon). Masterplan for the Campus Facilities of the Technical University of Lisbon and the Exhibition Design for the 1st Congress of the Portuguese Built Heritage in the World, Fundação Calouste Gulbenkian in Lisbon.
- 1984-85 SPAZ (Stadtplanungsamt Zürich), City Planning Department of Zurich. Urban projects, including the design of the *Langstrasse Unterführung* urban art work, cycling & pedestrian routes and urban structures.
- 1980-81 Trainee Architect, Architect Vasco Croft Moura. Design development for a Tourism Scheme in Quinta do Lago, Algarve, and a Residential Development of 60 apartments in Outeiro da Vela, Cascais.

From 1985 until 2003 she also practiced in private on the design of various projects in Portugal, including urban allotment masterplans, new design and refurbishment of residential buildings, a kindergarten and the design of a catamaran, and collaborated with artists in various projects, among others the urban art work “*Shadow Project – Staging the City*” commissioned by the Metropolitan Underground of Lisbon with artist Fernanda Fragateiro, and was awarded 2nd Prize

at the shop window design competition in 1985 promoted by the Town Hall of Lisbon with artist Miguel Branco and designer Filipe Alarcão.

ENVIRONMENTAL CONSULTANCY

- 2012 Sustainable Design Guidelines for Family Housing, London Borough of Hackney, London, UK - S333 Architecture+Urbanism,
- 2005 Design for a House in Quinta da Beloura, Sintra, Portugal - Atelier Miguel Mira Arquitectos, Lda.
- 2002 International Competition for the Elderly Centre, Oeiras, Portugal - UTOPOS. International Competition for the Elderly Centre, Portela de Carnaxide, Portugal - Architect M^a Manuel Godinho
- 2001 International Competition for the School of Technology and Management, Polytechnic Institute in Beja, Portugal - ACE-Engineers.
- 2001 Headquarters, Technical Centre and Sports Facilities, Portuguese Football Federation in Sintra, Portugal - PAL – Planeamento e Arquitectura Lda.
- 2000 International Competition for the Art Crafts and Health Schools of the Polytechnic in Castelo Branco, Portugal - Architects Jorge Estriga and Rita Amado.

EUROPEAN PROJECT MANAGEMENT & COORDINATION OF EVALUATION PANELS

- 2009-10 European Research Council Executive Agency (ERCEA), European Commission, Brussels. Research Programme Management and Coordination of Evaluation Panels, ERC Advanced and Starting Grants.
- 2005-09 Executive Agency for Competitiveness and Innovation (EACI), European Commission, Brussels. Project Management and Coordination of Evaluation Panels, Energy Efficiency Unit, *Intelligent Energy Europe Programme*.

OTHER PROFESSIONAL ACTIVITIES

- 2016 Member of International and Scientific Committees, 32nd International PLEA Conference, *Cities, Buildings, People: Towards Regenerative Environments*, Los Angeles, USA.
- 2016 Jury Member, *Liget Budapest* International Architectural Design Competitions for the Museum of Ethnology in the City Park of Budapest, Hungary.
- 2016 Member of the Scientific Committee, Sustainable Built Environment Conference SBE16, ETH, Zurich, Switzerland.
- 2014-15 Jury Member, *Liget Budapest* International Architectural Design Competitions for 5 new museum buildings in the City Park of Budapest, Hungary.
- 2015 Member Advisory & Technical Committees, 31th International PLEA Conference, *Architecture in (R)evolution*, Bologna.
- 2011-16 President, PLEA (Sustainable Architecture & Urban Design) International Network
- 2014 Member of Advisory and Scientific Committees, 30th International PLEA Conference, *Sustainable Habitats for Developing Societies*, Ahmedabad, India.
- 2010-14 Technical Expert, European Commission, EACI (Eco-Innovation/ Build-Up Skills), DG ENER (Smart Cities) and DG Research & Environment (Collaborative Projects - Energy Efficient Buildings), Brussels, Belgium.
- 2009 Chair, Environment & Sustainable Architecture working group, Architect's Council of Europe (ACE), Brussels, Belgium.
- 2005-10 Member, Directors Board, PLEA (Passive Low Energy Architecture and Sustainable Urban Design)
- 2005 Jury Member, Bioclimatic Buildings - Solar Father Himalaya Higher Education Design Competition, SPES (Portuguese Society of Solar Energy), ISES International Solar Energy Society, Parque das Nações, Lisbon, Portugal.
- 2004-11 Member, Directors Board, Association Francisco d'Ollanda – Projects&Research, FAUTL, Lisbon, Portugal
- 2004-05 Technical Expert, European Commission, DG Research (Energy and Environment), DG Education & Culture (Erasmus Mundus) and DG TREN (Intelligent Energy-Europe), Brussels, Belgium

- 2004 Member, Technical Committee, International Conference *HB 2006 Healthy Buildings: Creating a Healthy Indoor Environment for People*, Lisbon 4-8 June 2006, IDMEC, University of Oporto, Portugal.
- 2003-05 Member, Directors Board, “*Environment Nucleus*”, Order of Portuguese Architects, Lisbon, Portugal.
- 2002-05 Member, Commission for the Regulation of Energy Efficiency in Buildings, Ministry of Public Buildings, Transports and Habitation, (CSOPT), Lisbon, Portugal.
- 2001 Member, Solar Passive Buildings Group, *FORUM Project – Renewable Energies in Portugal*, Ministry of Economy, National Institute for Engineering & Industrial Technology (INETI), Agency for Energy (AGEEN) and DG for Energy (DGE), Lisbon, Portugal.

RESEARCH

- 2010-12 *Environmental Design in University Curricula and Architectural Training in Europe* (EDUCATE). Collaborative project sponsored by European Commission Intelligent Energy Europe (IEE) Programme
- 2009 *Sustainable Construction – a common language for the construction sector*, joint project between the Architects’s Council of Europe and the European Concrete Platform
- 2005-08 *Climate and Urban Sustainability: comfort perception and climatic risks* (URBKLM), funded by Fundação Ciência e Tecnologia (FCT)
- 2004 *Integrating Environmentally Responsive Elements in Buildings*, Annex 44, IEA-ECBCS
- 1999-00 *Passive Cooling Handbook*, European Commission Altener Programme
- 1994-00 *Transitional Spaces*, funded by Fundação Ciência e Tecnologia and Fundação Calouste Gulbenkian
- 1994-95 *Passive Cooling of Buildings*, European Commission DG-XII Joule II R&D Project
- 1994 *Design of Educational Buildings. Architecture Climate Portfolios*, EC DG-XII Solinfo

PARTIAL LIST OF PUBLICATIONS

- 2016 (with N. Al Sabbagh and S. Yannas) *Improving Pedestrian Thermal Sensation in Dubai*. Proc. PLEA 2016 Conference, Los Angeles, United States.
- 2016 (with A. Juneja) *Courtyards as Semi-outdoor Learning Spaces: Exploring the potential of outdoor learning in primary schools*. Proc. PLEA 2016 Conference, Los Angeles, United States.
- 2016 (with L. De Rosso) *Pocket Parks in São Paulo*. Proc. PLEA 2016 Conference, Los Angeles, United States.
- 2015 (with P. Sirichanchuen) *A New Design to Achieve Thermal Comfort in Low-Income Community in Bangkok*, Thailand. Proc. PLEA 2015 Conference, Bologna, Italy
- 2015 (with S. Pardeep) *Passive Techniques for 24 Hour Working Environments: Design Strategies for Offices in Bangalore*. Proc. PLEA 2015 Conference, Bologna, Italy.
- 2015 (with R. Qubrosi) *Lessons from a Bedouin: Desert Adaptive Architecture*. Proc. PLEA 2015 Conference, Bologna, Italy.
- 2015 *Mais Conforto e Menos Energia na Renovação de Edifícios Habitacionais em Climas Mediterrânicos*, O Edifício Ambiental. In Gonçalves J.S. and K. Bode (Eds) Edifício Ambiental. Oficina de Textos, São Paulo.
- 2012 *Education for Sustainable Environmental Design – The EDUCATE Project, Summary of Results* (with EDUCATE Partners). Edited by S. Altomonte, EDUCATE Press, University of Nottingham.
- 2012 *Criteria for Professional Qualification – White Paper* (with EDUCATE Partners). Edited by S. Altomonte, EDUCATE Press, University of Nottingham.
- 2011 *No Futuro os Edifícios Serão Grandes Fornecedores de Energia*, Jornal PÚBLICO Comunicação Social SA, Dia da Terra, 22 April, Lisbon.
- 2009 *Retrofitting Homes for Better Energy Performance: the occupant’s perspective*, Proc. PLEA 2009 Conference, Québec.
- 2009 *Promoting Lower Energy Homes: support from the Intelligent Energy Europe Programme*. Proc. Passivhus Norden Conference, Göteborg (with G. Sutherland).
- 2008 *Reabilitação da Habitação Social: os desafios para uma maior eficiência energética*. Proc NUTAU 2008 International Seminar, FAUUSP, São Paulo.

- 2008 (with S. Pelham). *Embedded Stone Wall Construction in Lisbon*. Proc. PLEA 2008 Conference, Dublin
- 2008 (with V. Berrutto and G. Sutherland). *Raising Energy Efficiency in Buildings through the Intelligent Energy Europe Programme*. Proc. International Passive House Conference, Nurnberg
- 2008 *Energy-Efficient Homes and Buildings: The Beauty of Efficiency*. European Publications Office, Brussels (co-edited with T. Noel and G. Sutherland).
- 2007 *The European Strategy Towards Sustainability in the Built Environment*. Proc. PLEA 2007 Conference, Singapore.
- 2007 *Integrated Building Design Approach*. Proc. IAQVEC 2007 Conference, Sendai.
- 2007 *Energy Efficiency – EU Targets*. Proc. TIA 2007 Conference, Krems.
- 2007 *Os Desafios da Europa para uma maior Eficiência Energética nos Edifícios e o Programa ‘Energia Inteligente – Europa* (European Challenges for Better Energy Efficiency in Buildings and the IEE Programme). *Jornal CONSTRUIR*, August, Lisbon.
- 2007 (with S. Wever). *Thermal Optimisation of the Vertical Opaque Envelope: Variable Insulation an Innovative Approach*”, Proc. PLEA 2007 Conference, Singapore
- 2006 *Retrofitting of Social Housing: 12 innovative projects for an energy-intelligent Europe*”, IEAA, European Commission (co-edited with V. Berrutto and G. Sutherland).
- 2005 *Form and Microclimate: Spatial Confinement and Heat in the Urban Patio*. Proc. PLEA 2005 Conference, Lebanon.
- 2005 *Aplicações de Água no Controlo do Microclima dos Espaços Urbanos*”, *Cadernos da Faculdade de Arquitectura*, Nº 4, FA-UTL, Lisbon.
- 2004 *Os Espaços de Transição como Elementos Representativos da Relação com o Meio Ambiente*. Chapter in *Falas da Terra Natureza e Ambiente na Tradição Popular Portuguesa* Edições Colibri e IELT, FCSH, UN Lisbon.
- 2000 *TRANSITIONAL SPACES: the potential of semi-outdoor spaces as a means for environmental control with special reference to Portugal*”. PhD Dissertation. EESP, AA, London.
- 2000 *Solar radiation studies of various urban forms for Latitude 38°*. Proc. PLEA 2000 Conference, Cambridge. James & James (Science Publishers) Ltd. London.
- 1998 *The Effect of Design Parameters on Environmental Performance of the Urban Patio: A Case Study in Lisbon*. Proc. PLEA 1998 Conference, Lisbon. James & James (Science Publishers) Ltd. London.
- 1996 *The Role of the Balcony on Buildings in the Contemporary European City: A Case Study in Lisbon*. Proc PLEA 1996 Conference, Louvain-La-Neuve (with S. Yannas).

AWARDS

- 1998 Best PLEA Poster Award, PLEA 1998 International Conference.
- 1998-99 Specialization Grant, Fine Arts Department, Calouste Gulbenkian Foundation.
- 1994-98 PhD Research Grant, Science Programme & Praxis XXI, JNICT (Junta Nacional de Investigação Científica e Tecnológica).
- 1987 2nd Prize for an Urban Kiosk Prototype (with Architect JF Landerset Cadima), Public Design Competition, promoted by the Municipality of Lagos, Portugal.
- 1985 2nd Prize Window Display Design Competition (with Artist M. Branco and Designer F. Alarcão), Open Competition promoted by the Municipality of Lisbon, Portugal.
- 1984-85 Professional Traineeship Abroad, IAESTE (International Association for Exchange of Students for Technical Experience).

MEMBERSHIPS

- AA - Architectural Association, United Kingdom
- OA - Order of Architects, Portugal
- PLEA - Sustainable Architecture & Urban Design, International Network
- UIA-ARES - International Union of Architects, Architecture and Renewable Energy Sources
- ICOM - International Council of Museums

MARK CAMPBELL PhD MA BArch (Hons) BA
Director MPhil Media Studies

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mark.campbell@aaschool.ac.uk

Academic Qualifications:

2001-13	Ph.D., Princeton University, 'A Beautiful Leisure: The Decadent Humanism of Geoffrey Scott, Vernon Lee, and Bernard and Mary Berenson' Princeton University Honorary Fellowship (2001-03) William J. Fulbright Graduate Scholar (2001-2003)
1997-2000	Master of Arts (Hons), Princeton University. Joseph Sanford Shanley Prize (2000), Distinguished Master of Arts in Architecture The Butler Prize (1998/1999) William J. Fulbright Graduate Scholar (1997-2000)
1990-4	Bachelor of Architecture (1st Class Hons), University of Auckland. Dual dissertation major in Design and History and Theory Graduated Magna Cum Laude Fowlds Memorial Scholar (1994), Most Distinguished Scholar in the Faculty of Architecture, Property and Planning Senior Prize in Architecture (1994), Most Distinguished Graduate in Architecture. Cavalier Bremworth AAA Design Award, Top Student Design (1993/1994)
1989-90	Bachelor of Arts, University of Auckland Dual major in English Literature and Social Geography

Academic Positions:

2015-present	Director, MPhil in Media Practices, Architectural Association, London
2015-present	Deputy Director, AS Architecture Research Centre, Shanghai
2013-present	External Examiner, Welsh School of Architecture, University of Cardiff
2013-present	MPhil Thesis Advisor, Department of Architecture, University of Cambridge
2010-present	Director, Paradise Lost Research Cluster, Architectural Association
2012-present	Visiting Professor of Architecture, M.Arch Program, Southeastern University, Nanjing
2013-present	Diploma Theses Module Coordinator & Supervisor (supervising all diploma theses), Architectural Association, London
2013-present	MA Thesis Coordinator & Supervisor, Design & Make Programme Architectural Association, London
2013-present	PhD Committee & Supervisor, Architectural Association, London
2013-present	MA Thesis Advisor, Projective Cities Programme Architectural Association, London
2009-present	Design Unit Master, 'Paradise Regained' (2015-16), 'No Country' (2014-15), 'Upstate' (2013-14), 'The Passenger' (2012-13), 'A New Miracle in the Desert' (2011-12), 'The Lost Highway' (2010-11), Undergraduate Unit Master,

	Architectural Association, London
2005-13	Diploma Seminar, HTS Faculty Member, Architectural Association,
2001-03	Undergraduate Studio Tutor, Undergraduate Histories and Theories Lecturer
	Adjunct Faculty, The Irwin S. Chanin School of Architecture at the Cooper Union for the Advancement of Science and Art, New York
1998-2001	Undergraduate Writing Program (Thesis) Director, Undergraduate Studio
	Instructor, Graduate and Undergraduate Histories and Theories Preceptor, School of Architecture, Princeton University
1995-7	Undergraduate Studio Instructor, Undergraduate Lecturer
	Adjunct Faculty, School of Architecture and Elam School of Fine Arts, University of Auckland

Lectured and juried at the Bartlett School of Architecture, UCL, London; ETH, Zurich; Columbia University, NYC; the University of Pennsylvania, Philadelphia; Parson's School of Design at The New School, NYC; Yale University, New Haven; Victoria University, New Zealand; and the Royal Melbourne Institute of Technology, Australia.

Selected Recent Publications:

2016	<i>Paradise Lost</i> (AA Publications, 2016) 'The Overlook,' <i>The Building</i> (Lars Muller, 2016) 'The Carpet Jungle,' <i>AA Files</i> (Architectural Association, 2016)
2015	'An Expanded Take on Media Practices,' <i>AArchitecture</i> 27 (December 2015)
2014	"Unreal Estates,' <i>Real Estates: Property and Ownership in Neoliberal Debt Economies</i> (Bedford Press, spring 2014) 'All Work and No Play,' <i>AArchitecture</i> (March 2014)
2013	<i>Guns, Household Objects, Road Trips, Cars, Bodies, Acts of Devotion & TVs</i> (Architectural Association) 'Blood Simple,' <i>AA Files</i> 66 (Architectural Association) 'The Passenger,' <i>New Architecture</i> (China, 2013)
2012	'Choice by Design,' <i>POA</i> 1-22 (Bedford Press) 'Gleaming Toys,' <i>VIA: Dirt</i> (MIT Press)
2011	'Going Back to Greenville,' <i>AA Files</i> 62 (Architectural Association)
2009	'The Eye of the Beholder: Geoffrey Scott's View of History,' <i>AA Files</i> 59 (Architectural Association) 'Soviet Space Power,' exhibition catalog, School of Architecture, Columbia University
2004	'Geoffrey Scott and the Dream-life of Architecture,' <i>Grey Room</i> 15 (MIT Press)

Editorial Positions:

2016-present	Editor for Expanded Content, <i>The Journal of Architecture</i> (Routledge & RIBA)
2009-11	Book Editor, <i>Beyond Entropy</i> (AA Publications 2011), <i>Nine Problems in the Form of a Pavilion</i> (AA Publications 2009)

- 2004-6 Written Communications Coordinator, Foster and Partners, London. Responsible for all written forms of communication, including articles, chapters, reports and books.
- 2001-4 Managing Editor, Grey Room, New York. Responsible for editing and production of each issue from its inception to its completion; liaising between the Editorial Board, individual authors, translators, copy-editors, graphic designers, archival institutions, publication rights staff, our production press, and our parent press, the MIT Press.
- 2002-3 Publications Manager, Irwin S. Chanin School of Architecture at The Cooper Union

Architectural Practice:

- 2010-present Principal, Unreal Estates / Paperaeroplane Architecture. Solely responsible for a variety of projects the continuation of Jacob's Wells Mews, a £1.2m mews house in Marylebone; two £100,000 flat fit-outs in Marylebone; a £400,000 farmhouse in Dorset; and a number of residential projects. 2007-2009 Project Architect, Robin Walker Architects, London. Project Leader on a variety of projects including: Jacob's Wells Mews, a £1.2m mews house in Marylebone, London; Kent House, £12m restoration of a Grade II listed Georgian Mansion in Hammersmith, London; St Ives, a £4m house in Cornwall; The Hub Lesiure Centre, Tooting Mitchum; and a variety of domestic projects.
- 2006-7 Architect, Aedas Studio, London. Project Leader on Waveney Campus, a £50m business park development and scientific laboratories in Lowestoft; Assistant Project Leader on Holland Park School, a £45m secondary, school in Holland Park, London.
- 2002 Architect, Ellen Honginstock Architects, New York. Responsible for the programmatic planning and contract documentation for the redevelopment of an existing Public School into an apartment building on the Lower East Side, Manhattan, and the refurbishment of an existing apartment building in Williamsburg, Brooklyn.
- 2000-1 Architect, Kramer Hutchinson, New York. Responsible for the Design Development of the Donna Karan Collection Store, 819 Madison Avenue, New York.
- 1999 Designer, Ralph Lerner Architects, Princeton. Worked on the exhibition design, production, and administration of the International Foundation of the Canadian Centre for Architecture's Prize for the Design of Cities: New York 1999.
- 1994-7 Architect, Noel Lane Architects, Auckland. Responsible for all stages of architectural production from Conceptual and Developed Design, to full Contract Documentation, Tendering, and Supervision on a variety of projects with a budgetary range from \$1 million houses to the \$265 million Auckland War Memorial Museum Refurbishment 2000 Project. Several of these projects, including the Auckland Museum, the Brick Bay House, Nicolson House, Craddock House, and the Gibbs House have received National Awards from

the New Zealand Institute of Architects. Work with this firm is included in *Noel Lane Architects: Recent New Zealand Projects* (Aalto Books, 2003).

MARK COUSINS

Director, AA History & Theory Studies

markcousins@aaschool.ac.uk

EDUCATION

Merton College, Oxford University	1966 - 1971
Warburg Institute	1971 - 1974

QUALIFICATIONS

BA (Hons) in History, First Class	1970
MA in Art History	1971

ACADEMIC POSITIONS

Lecturer in Sociology and Social Anthropology, Brunel University	1974 - 1976
Lecture in Sociology, Thames Polytechnic	1976 - 1980
Senior Lecturer in Sociology, Thames Polytechnic	1980 - 1988
Principal Lecturer in Sociology, Thames Polytechnic	1988 - 1992
Deputy Head of School of Economics + Sociology, Thames Polytechnic	1988 - 1992
Director of History and Theory Studies, AA	1992 -
Ph.D Supervisor, AA	1992 -
Founder member of London Consortium Graduate School	1994
Head of Histories and Theories Programme, AA	1995 - 2009
Visiting Professor, Columbia University, New York	2001 - 2009
Senior Fellow, London Consortium	2009
Guest Professor, School of Architecture, Southeast University, Nanjing, China	2010 - 2015

BOOKS

Michel Foucault. Mark Cousins + Athar Hussain, Macmillan 1984

Sigmund Freud: The Unconscious. Introduction by Mark Cousins, Penguin 2005

ARTICLES IN BOOKS

'The question of ideology' by Mark Cousins and Athar Hussain. in *Power, Action and Belief*, Sociology Review Monograph 32. R.K.P 1986

'The linguistic fault: the case of Foucault's archaeology' by Mark Cousins. in *Towards a Critique of Foucault*, ed. M.Gone R.K.P 1986

'The Aeffect' by Mark Cousins. in *Corporate Fields*, AA DRL Documents 1. AA 2005

'The Practice of Historical Investigation' by Mark Cousins. in *'Poststructuralism and the question of history'*, ed. D.Attridge et al. Cambridge University Press 1987.

'Material Arguments and Feminism' by Mark Cousins. in *The Woman in Question*, ed. Parveen Adams and Elizabeth Lowie. MIT Press 1990

'Introduction' by Mark Cousins in *Time and the Image*, by Carolyn Gill. Manchester University Press 2000

'The Persistence of the Image: Hitchcock Vertigo' by Mark Cousins in *Art: Sublimation or Symptom*, ed. Parveen Adams 2003

'From Royal London to Celerity Space' by Mark Cousins in *After Diana*, ed. M. Merck Verso 1998

'Brzydota' by Mark Cousins in *Co to jest architektura*, ed. A. Budak Krakow 2002

'Building an Architect' in *Occupying Architecture*, ed. J. Hill. Routledge 1998

'Where?' in *Desiring Practices*, ed. K. Ruedi 1996

ARTICLES

'The Logic of Deconstruction' in *Oxford Literary Review* 1978

'John and their relation to the mode of moderation' in *Economy and Society* vol.14 no.1 1985

'Diana's London' *Harvard Design Review* 1998

'Is Chastity a Perversion' *New Formations* no.9 1989.

'The Ugly' I in *AA Files* no.28 1994

'The Ugly' II in *AA Files* no.29 1995

'The Ugly' III in *AA Files* no.30 1995

'Lo foe' in *Analysis - Art* no.17 1998

CATALOGUES

'Cruel Architecture' by Mark Cousins. in *Projects* by Tony Fretton Architects 1998

'A arte da Articulação: The Art of Articulation' by Mark Cousins. in *Jane e Louise Wilson: Tempo Suspenso*, Gullenhiam Foundation, Lisbon 2010

'Second Site' in *Antony Gormley*, Museum of Modern Art, Monterey 2009

'Random Walk' AA Publication 1998

'Madame De' in *Alles Schmuck*

'Disabling Beauty' in *Portfolio* no.30 1999

'Away from Home' Wexner Centre, Columbus, Ohio 2003

'Out of Sight' in Cerith Wyn Evans, Kunsthau Graz 2007

'Second Site' *Athony Gormley* 2009

'The Art of Articulation' Wilson sisters. Gullenhiam, Lisbon 2010

LECTURING + TEACHING

At the AA I have lectured at all levels, undergraduate and graduate. For a long time my Friday lectures which are open to the public have been the centre of my teaching, together with Ph.D. supervision. I have lectured throughout the world in the USA, in Europe, in China, in Australia, as well as throughout the UK.

EXTERNAL ACTIVITIES

In 1993 I founded with Paul Hurst and Colin McCabe the London Consortium, a new graduate school whose PhD's come within London University. Currently the Consortium is a federation of the AA, the ICA, Tate, Birkbeck and the Science Museum. I have taught courses continuously and have successfully supervised many Ph.D's theses.

1986 – 1990: Member of Advisory Board. ICA

1993 – 1998: Member of the Visual Arts Panel, Arts Council of England

1993 – 1998: Member of the Architectural Panel, Arts Council of England

1997 – 1999: Consultant to Zaha Hadid on her section of the Millennium Dome

RESEARCH

I am currently establishing an ambitious research project with colleagues at Southeast University, Nanjing in the School of Architecture. To this end I went out to Nanjing this Easter with Adrian Forty, professor at the Bartlett School and Brett Steel, and lectured, gave seminars and held discussions with colleagues. Our intention is to provide a way of helping

Chinese graduate students who are adequate in English to become aware of the meanings of architectural categories as they are used in Europe and the USA. Our plan is to work together with Chinese scholars and Ph.D. students to put together a conceptual dictionary of architectural and urban terms and where necessary on Chinese terms of translation so that Chinese translation of English texts can achieve a standard and verified consultancy of translation. Of course there are all sorts of theoretical and methodological issues bound up in this. But the intention is to offer something immediately useful in the development of Chinese incorporation of Western texts, arguments and problems. The aim is to establish this over the first few years, and to transfer the whole project online so that it becomes the instrument and the property of its users. If successful then it would be desirable to reverse the process and work out an English version and understanding of Chinese building terms and the complex topic of Chinese gardens.

To this end the University has appointed me Guest Professor 2010 – 15. The research is now seeking funding from the private sector, to supplement the already successful application to public sources in China.

JORGE FIORI BA Soc MSc
Co-Director MA / March Housing and Urbanism
Chair AA Graduate Management Committee
Member Academic Board
fiori@aaschool.ac.uk

EDUCATION

Studied in Chile and worked as researcher and lecturer in several Chilean and British institutions, specialized on issues of urban development planning and housing.

TEACHING

Senior Lecturer at the AA Housing and Urbanism Programme and at the Development Planning Unit, University College London. Visiting Lecturer at several Masters and post-graduate courses on urban studies in Europe and Latin America.

ACADEMIC MANAGEMENT

Director of the MA Course in Housing and Urbanism at the Architectural Association Graduate School, and Chair of the Architectural Association Graduate Management Committee.

CONSULTANCY

Has worked in recent years as a consultant to several international and national agencies on issues of urban development planning and housing. Among them, the United Nations Development Programme (UNDP), the United Nations Industrial Development Organisation (UNIDO), the Interamerican Development Bank (IDB), HABITAT-UN and the World Bank. Advisor to different city governments in Latin America on slum upgrading policies and the role of urbanism in dealing with the irregular city.

RESEARCH AND PUBLICATIONS

Research and publications mainly on the **interface of urbanism and urban social policy**. In particular, work on the search for a broader reasoning about housing densities and urban intensification and the place of an appropriate urbanism in addressing urban irregularity and informality. Special research interest on the relation of spatial strategies and scaling-up in slum upgrading and poverty alleviation.

Related publications include:

2013 Fiori, J. "Informal City: Design as Political Engagement", in Verebes, T. (Ed.), Master planning Adaptable City, Routledge.

2012 (with J. Brandao) "Spatial Strategies and Urban Social Policy: Urbanism and Poverty Reduction in the Favelas Rio de Janeiro", in Hernandez, F; L. Allen & P. Kellett (eds) Rethinking the Informal City: Critical Perspectives from Latin America, Berghahn Books.

Earlier publications in this area of research have included:

2005 (with D. Chen & H. Hinsley), "Gentrification and Change in London's 'City Fringe'", paper commissioned by the Department of Urbanism of Oslo School of Architecture for the forthcoming research publication: Urban Transformation: urban form, gentrification and immigration.

2004 (with E. Riley & R. Ramirez), "Favelas, Inclusao Social e Integridade Urbana", in Valenca, M & Fernandes, E. (eds) Brasil Urbano, Mauad, Brasil.

2002 (with E. Riley & R. Ramirez), "Mejoramiento Fisico e Integración Social en Rio de Janeiro", in Cuadernos Urbanos, N.3, Argentina.

2001 (with E. Riley & R. Ramirez), "Physical Upgrading and Social Integration in Rio de Janeiro: the Case of Favela Bairro", in DISP 147, Zurich.

2001 "Why Favela-Bairro?", in Fiori, J. & Hinsley, H. Transforming Cities: Design in the Favelas of Rio de Janeiro, AA Publications, London;

2001 (with E. Riley & R. Ramirez), "Favela Bairro and a New Generation of Housing Programmes for the Urban Poor", in GEOFORUM, Vol. 32, N.4, Sept. London;

2000 (with E. Pascolo & R. Ramirez), "Re-opening the Housing Debate in South Africa: Notes on Housing and Poverty Alleviation Emerging from International Experience", Isandla Institute, Johannesburg.

2000 (with E. Riley & R. Ramirez), "Urban Poverty Alleviation Through Environmental Upgrading in Rio de Janeiro", DPU/DFID, London.

MARIA SHÉHÉRAZADE GIUDICI

Tutor Diploma School
Lecturer History and Theory
Lecturer MPhil Projective Cities

maria.giudici@aaschool.ac.uk
maria.giudici@rca.ac.uk

Maria Shéhérazade Giudici is the founder of publishing platform Black Square and the coordinator of History and Theory courses at the School of Architecture of the Royal College of Art. Maria earned her PhD from Delft University in 2014; her thesis *The Street as a Project: The Space of the City and the Construction of the Modern Subject* is a critique of the contemporary idea of public space and an attempt to rethink the 'void between the buildings' as the object of political and architectural intentions. Maria also earned an MA in Architecture from Mendrisio Academy, Switzerland, with an award winning project for Venice developed in Elia Zenghelis' unit. She has worked between 2005 and 2007 in Bucharest-based office BAU and collaborated with De Architekten Cie Amsterdam in 2008, DONIS Rotterdam in 2010, and Dogma in 2011, specializing in large-scale urban developments and mass housing projects. As well as teaching core design studios at the Berlage Institute and BIArch Barcelona, Maria has been a Diploma Unit master at the Architectural Association since 2011, and a First Year studio master between 2012 and 2016. Maria's theoretical research focuses on the construction of modern subjectivity, a topic she has explored in her History and Theory seminars in several different schools – most recently, since 2012, within the Projective Cities MPhil Programme at the AA.

EDUCATION

2014 PhD Thesis *The Street as a Project: The Space of the City and the Construction of the Modern Subject*, TU Delft

2009 Postgraduate master in Urbanism, Berlage Institute, Rotterdam.

2006 MA in architecture, Accademia di Architettura, Mendrisio, Switzerland - Elia Zenghelis unit.

2005 Nanjing Graduate School of Architecture, China - W.I.S.H. research on social housing.

PROFESSIONAL EXPERIENCE

2014 – present Founder and managing editor, Black Square > www.black-square.eu

2011 Architect at Dogma, Rotterdam & Brussels > www.dogma.name

2010 Architect at Donis, Rotterdam > www.donis.org

2008 *Saemangeum city project* developed at de Architekten cie., Amsterdam

2005-2008 Junior architect at BAU Arhitectura Urbanism, Bucharest > www.bogoescuarhitectura.ro

2001 – 2002 Internship at Meyer + Piattini Architects, Lugano, Switzerland > www.meyerpiattini.ch

ACADEMIC EXPERIENCE

2016 - present Coordinator, History and Theory Studies, School of Architecture, RCA, London

2012 - present Lecturer, Projective Cities MPhil Programme, Architectural Association, London

2011- present Unit Master, Diploma Unit 14, Architectural Association, London

2015 "The Supreme Achievement" workshop at CAMPO, Rome – director

2012 - 2016 Unit Master, First Year, Architectural Association, London

2013 AA Visiting School Ivrea *Factory Futures* co-director
 2012 Visiting Professor, Core design studio *Labour, City, Form*, BIArch Barcelona
 2010- 2012 History and Theory lecturer in Architecture and Urbanism, BIArch Barcelona
 2010 - 2011 Studio Master, Second year research programme, Berlage Institute
 2010 Tutor, *The Red October* masterclass, Strelka Institute Moscow
 2009 Field research assistant, *The Agriculture of the City* master semester, TU Munich
 2008 Tutor, Terraventure master semester in Aleppo, Syria, TU Delft

SELECTED PUBLICATIONS

2016 *Rituals and Walls* (London: AA Publications), co-editor with Pier Vittorio Aureli.
 2016 *The Supreme Achievement* (Milan: Black Square), co-editor with Davide Sacconi.
 2016 *Like a Rolling Stone: Rethinking the Architecture of the Boarding House* (Milan: Black Square), co-author with Pier Vittorio Aureli, Martino Tattara.
 2015 *Interior Tales* (Milan: Black Square), edited by Davide Sacconi and Francisco Sanin, as managing editor.
 2015 "John Soane: From Theatre of Memory to Framework for Memories", in *Perspecta* n. 48, "Amnesia".
 2015 "Jacques Lucan's *Composition – Non-composition*, A Review", in *The Journal of Architecture*, vol. 20, n. 6.
 2015 "The Supreme Achievement", in *Architectures CREE*, n.374, "Ex-Territorialités", with Davide Sacconi.
 2015 "City and Power: 12 Tales from a Future Present", in *Ruang* n. 10, "Government", with Davide Sacconi.
 2013 "Specific Spaces: Government and the Emergence of *architecture d'accompagnement*, 1584–1765", in Pier Vittorio Aureli (ed), *The City as a Project* (Berlin: Ruby Press, 2013).
 2013 "Education, Consumption, Reproduction: Three Cautionary Tales", in Ana Jeinic, Anselm Wagner (eds), *Is There (anti)Neoliberal Architecture?* (Berlin: Jovis).
 2013 "Indifference and Absorption of Architectural Form: Notes on Le Corbusier's La Tourette Monastery", with Pier Vittorio Aureli, in *San Rocco* 7.
 2012 "The Last Great Street of Europe", in *AA Files* 65.
 2012 "From Dom-Ino to Polykatoikia", with Pier Vittorio Aureli, Platon Issaias, in *Domus* 962 (October 2012).
 2012 "Nederlands Architectuurinstituut", in M. Biraghi, A. Ferlenga (ed), *Architettura del '900*, Volume 1 (Turin: Einaudi).
 2012 "Berlage Institute", in M. Biraghi, A. Ferlenga (ed), *Architettura del '900*, Volume 1 (Turin: Einaudi).
 2011 "Talking in Parables: Superstudio's Narratives", in *Le Journal Speciale'Z* n. 2.
 2010 *Rome: the Centre(s) Elsewhere* (Milan: Skirà), managing editor and co-author.
 2008 *NI 2028 - Olympic fire* (Rotterdam: NAI publishers), contributor.

EXHIBITIONS

2016 "Months", installation, British Pavilion at the Venice Biennale (as Black Square, with Dogma)
 2015 *The Supreme Achievement*, September-October 2015 at CAMPO Rome, curator (with Davide Sacconi).
 2010 *Rome: the Centre(s) Elsewhere*, June-July 2010 at Casa dell'Architettura, Rome, co-author.
 2008 *NI 2028 - Olympic fire*, May-Sept 2008 at Nederlands Architectuurinstituut (NAI) Rotterdam, contributor.

SELECTED SYMPOSIA AND LECTURES

2015 *Familles, je vous hais! On Architecture and Reproduction*, contribute to the *Labour and Architecture* Symposium, AA.

2015 *Counterplanning from the Kitchen: For a Feminist Critique of Type*, contribute to the *Architectural Type and the Discourse on Urbanism* Symposium, RCA.

2015 Lecture, *Rome – Forma Urbis*, Faculty of Architecture, Rome, Italy.

2014 Lecture, *The Street as a Project*, TU Delft, The Netherlands.

2014 *A Soft Story: The Invention of Formless Space*, contribute to *The Dom-Ino Effect* Symposium, AA London

2012 Lecture, *For a Critique of the Natural City*, Theoriesalon, Vienna, Austria.

2011 *The Art of Memory* PhD symposium, St. Thomas University, St. Paul, USA.

2011 *Is there (anti) neoliberal Architecture* conference, TU Graz, Austria.

2011 *Producing Publics* PhD Symposium, Cornell University, Ithaca, USA.

2011 AHRA PhD Symposium, AA, London, UK.

2010 *Modernism in Russia Today* conference, Hermitage Amsterdam, NL.

HUGO HINSLEY MA Dip.Arch.
Co-Director of the Housing & Urbanism Programme
Chair PhD Examination Panels

An architect with over 30 years of practice experience. A founder member of a co-operative practice in the UK in 1976 which has worked on projects of housing, community buildings and urban development strategy. Have also worked as a consultant to many projects in Europe, Australia and the USA. Have taught and lectured widely in Britain and abroad, including being visiting professor and studio master at the University of Sydney Department of Architecture over several years, including being awarded the Chettle Fellowship in 1996; visiting studio master at the University of Edinburgh Department of Architecture in 1997-98; and visiting professor at Parsons Department of Architecture at The New School of Social Research, New York, in 1994.

Recent research has been on urban policy and design in European cities; on London's design and planning, particularly on the cases of major redevelopment in Docklands and the East End; on waterfront redevelopment projects; and on questions of density and intensity in urban development.

Some other academic appointments

PhD examiner: as well as many internal examinations in the AA, have acted as external examiner on research degrees for University of London, University of Edinburgh, Ecole d'Architecture de Paris – La Villette, and Universidade Tecnica de Lisboa.

since 2011: External examiner for London Metropolitan University for the Faculty of Architecture and Spatial Design.

2004 to 2010: Member of *PhD Research Review Committee*, Department of Urbanism, Faculty of Architecture, University of Delft.

2000 to 2013: Member of the Research Committee of *EUROPAN*, the European federation for new architecture. This is a non-governmental organisation representing 21 European countries. Since 1988 it has organised ideas competitions, leading to project implementation, which are open to young architects and students throughout Europe.

2001 to 2006: External examiner for University College London for the MSc in Development and Planning at Development Planning Unit. Also appointed an Associate of the DPU.

1992 to 1998 visiting professor and studio master at the University of Sydney Department of Architecture

Some recent research and consultancies:

2007 to 2009: Consultant to Joan Busquets + BAU and Alessandro Rizzo Architects for the extension to the Port of Viareggio, 'La Madonnina'. Italy.

2004 to 2006: External evaluator for EU international research project: '*AGORA Cities for People*'. EU 5th Framework Programme. Comparative research on urban public space by University of the Arts, Central St Martins College, London; Elisava Escola Superior de Disseny, Barcelona; Utrecht School of the Arts, Faculty of Visual Art and Design, Utrecht; City Planning Office, Malmo; Lund University Department of Architecture.

2003 to 2005: Awarded the 2003 *Built Environment Research Fellowship* by the Royal Commission for the Exhibition of 1851 for joint research with Dominic Papa and Larry Barth on intensity and density in housing design.

2002 to 2005: Consultant member of international research group - '*Urban Transformation: urban form, gentrification and immigration*', in the Department of Urbanism, University of Oslo School of Architecture.

Some recent publications:

Urban Mobility and Social Housing (2015) co-edited with Jorge Fiori (AA H&U), Jose Brandao, Luis Amorim (Federal University of Pernambuco, MDU). Published with support of the National Housing Secretariat of the Ministry of Cities, Brazil.

Research and proposals from an international design workshop in Recife, Brazil, in April 2014, with an introduction essay. This work focused on the concept of urban mobility and the practical implications of mobility infrastructure on an area of Recife, and on the place of design and spatial reasoning in relation to interventions about housing and mobility.

Housing as Urbanism (2014) co-edited with Jorge Fiori (AA H&U), Jose Brandao, Luis Amorim (Federal University of Pernambuco, MDU). Published with support of the National Housing Secretariat of the Ministry of Cities, Brazil.

The results of international design workshop in Recife, Brazil, in July 2013, with an introduction essay.

This work focused on the place of design and spatial reasoning in addressing the challenges faced by the Brazilian national housing programme, entitled “Minha Casa, Minha Vida” (My House, My Life).

Transforming Tainan: the spatial challenge of the knowledge economy. (2013) co-edited with Horng-Chang Hsieh of National Cheng Kung University, Taiwan. Published by College of Planning and Design, NCKU. The third volume of the results of the annual intensive design workshops in Taiwan.

Productive Urban Fabric – challenges for the European city. (2013) Keynote paper to conference and exhibition: *Thessaloniki 100+. Architecture and city.* To be published by Aristotle University of Thessaloniki, Greece.

What is the value of spatial thinking and design? (2012) Thematic introduction to the publication *European 11 in the Netherlands.* Sun, Amsterdam.

Rethinking spaces and networks for working and living.(2010). Critical review of European 10 winning submissions. Published by European, Paris, 2010.

Supporting excellence in architecture and urban design. Some reflections from the UK. (2008). Research paper for the Architecture & Urban Research Institute of Korea. AURI. Seoul.

London – some implications of large scale waterfront development (2008). Paper in *La Ciudad Hacia el Agua.* Conference proceedings. University of Santiago de Compostella, Spain.

Gentrification and change in London’s ‘City Fringe’. (2006) with D Chen and J Fiori, as part of collaborative research programme - *Urban Transformation: urban form, gentrification and immigration* – with Department of Urbanism, Oslo School of Architecture.

IntensCity – research into housing in the 21st century (2005) joint research report with L Barth and D Papa for Royal Commission for the Exhibition of 1851 - ‘Built Environment Research Fellowship’.

Recent collaborations:

Collaborations and exchanges with professional groups, teaching programmes and city governments involved in issues of urban change and development are a key part of the Housing & Urbanism Programme. We organise intensive design workshops with universities and organisations in cities which are developing new approaches to challenging urban conditions. Recent collaborations include:

- 2014:** *Graduate Urban Programme MDU at Federal University of Pernambuco UFPE, Recife, Brazil. Social Housing and Urban Mobility.* Intensive design workshop on housing and urban development in central Recife, Brazil.
- 2013:** *Graduate Urban Programme MDU at Federal University of Pernambuco UFPE, Recife, Brazil. Housing as Urbanism.* Intensive design workshop on housing and urban development in central Recife, Brazil.
- 2010-12:** *Departments of Architecture and Urban Planning, National Cheng Kung University, Taiwan.* Two annual intensive design workshops on the redevelopment of Tainan.
- 2012:** *Amsterdam Zuidas intensive design workshop.*

9 day International Winter School with AA Housing & Urbanism, Yale Graduate School and TU Delft. Presented in exhibition at Rotterdam Biennale in April 2012. Funded by Deltametropool – a development authority of The Dutch Ministry of Infrastructure and Environment.

- 2010:** *Faculty of Urban Planning, Hafen City Universitat, Hamburg.* An exchange workshop to compare strategies and design initiatives for waterfront re-development.
- 2010:** *Graduate Institute of Architecture, National Chiao Tung University, Taiwan.* Intensive graduate design workshop: *The Architecture of Innovation – design, governance, and infrastructure for Knowledge Cities.*
- 2010:** *International Urban Development Association (INTA) Training seminars for Taiwan programme: Innovative Regions and Creative Cities.*
- 2008-09:** *Faculty of Architecture & Urban Planning, Hanoi University of Civil Engineering, Vietnam.* Programme of two annual intensive graduate design workshops: *Urbanisation of Innovation Environments.*
- 2005-07:** *College of Architecture & Urban Planning, Tongji Univesity, Shanghai. China.* Programme of three annual intensive graduate design workshops: *Fenglin district redevelopment – the potential of urbanising innovation.*

SAM JACOBY AADipl Dr-Ing RIBA

Director, MPhil in Architecture and Urban Design (Projective Cities)

Sam is a chartered architect with an AA Diploma and a doctorate from the Technische Universität Berlin. He has worked for architectural and planning offices in the UK, USA and Malaysia, and trained as a cabinet-maker in Germany. He has taught at the AA since 2002 and a number of other universities. His research, practice and supervision is focused on design research linking the scales of architecture, urban design and planning.

EDUCATION

Doktor der Ingenieurwissenschaften, Technische Universität Berlin

AA Diploma, Architectural Association School of Architecture

TEACHING

2009–present: Director, MPhil in Architecture and Urban Design (Projective Cities), AA

2015–present: Director, AA Visiting School Wuhan (China), AA

2015–present: Tutor, Architecture, Royal College of Art

2016: Interim Chair, Architecture, Design and Building Typology, Staatliche Akademie der Bildenden Künste Stuttgart

2015–16: Visiting Lecturer, MA Architecture, Royal College of Art

2012–15: Teaching Fellow, MArch Urban Design, The Bartlett, University College London

2014–15: Director, AA Visiting School Cologne (Ungers Archive), AA

2004–11: Director, Spring Semester Programme, AA

2009–10: Lecturer, History & Theory Studies, AA

2007–09: Unit Leader, University of Nottingham

2004–09: Unit Master, Diploma School, AA

2002–04: Studio Tutor, Intermediate School, AA

SELECTED PUBLICATIONS

Sam Jacoby, *Drawing Architecture and the Urban* (Chichester: Wiley, 2016)

Sam Jacoby, ed., 'Type versus Typology', special issue of *The Journal of Architecture*, 20.6 (Dec 2015)

Sam Jacoby, ed., 'New Design Research in Architecture and Urban Design', special issue of *Urban Flux*, 45.5 (Oct 2015)

Sam Jacoby, 'Architectural Urbanism: Proposals for the Arab World', in *Reconceptualising Boundaries: Urban Design in the Arab World*, ed. by Robert Saliba (Farnham: Ashgate, 2015), pp. 97-113

Christopher Lee and Sam Jacoby, eds., 'Typological Urbanism: Projective Cities', special issue of *Architectural Design*, 81.1 (Jan/Feb 2011)

Christopher Lee and Sam Jacoby, eds., *Typological Formations: Renewable Building Types and the City* (London: AA Publications, 2007)

GEORGE JERONIMIDIS

Prof. (Emeritus) Reading University

EDUCATIONAL QUALIFICATIONS

- 1963-1969: Degree Course in Chemistry (Chemical Physics)
Department of Chemistry, University of Rome
Degree Awarded: Dottore in Chimica (Class of Degree: First)
- Doctorate Thesis: Conformation of Amino-acid Residues at the end of Polypeptide
(1969) Sequences in a Regular α -helical Conformation.

ACADEMIC APPOINTMENTS

- 1970-1972: Scientific Officer, Laboratorio su Tecnologie dei Polimeri e Reologia,
C.N.R., Arco Felice, Napoli, Italy.
- 1971-1972: Visiting Research Fellow, Department of Engineering, Reading University,
Reading, UK.
- 1972-1977: Science Research Council (SRC) Postdoctoral Research Fellow, Department
of Engineering, Reading University, Reading, UK.
- 1977-1979: Leverhulme Foundation Research Fellow, Department of Engineering,
Reading University, Reading, UK.
- 1979-1989: Lecturer, Department of Engineering, Reading University, Reading, UK.
- 1989-1995: Senior Lecturer, Department of Engineering, Reading University, Reading, UK.
- 1992- present: Director, Centre of Biomimetics, Reading University, Reading, UK.
- 1995- 2010: Professor of Composite Materials Engineering (Personal Chair), Department of
Engineering, Reading University.
- 2009-2016: Co-director, EmTech, AA School of Architecture.

CURRENT ACADEMIC ACTIVITIES

- 2010-Present: Professor (Emeritus), Composite Materials Engineering, School of Construction
Management and Engineering, University of Reading, Reading, UK
- 2009-2016 Director of Studies, PhD Programme, AA School of Architecture
- 2007-Present Visiting Professor, Dipartimento di Architettura ed Urbanistica, Politecnico di
Bari, Italy.
- 2006-Present Visiting Professor, Department of Mechanical Engineering, Zhengzhou
University, China.

RESEARCH INTERESTS AND ACTIVITIES

Design of composite fibrous structures in biology engineering and architecture to achieve high levels of functional integration. Collaborative research projects with partners in Europe and the USA, with funding from various public and industrial sponsors. Has authored or co-authored more than 100 papers, conference proceedings and book contributions in the fields of biomechanics, biomimetics, wood science, composite mechanics, smart materials and structures and bio-inspired technologies for architecture (see publications list below). Financial support for research activities from EPSRC, BBSRC, DTI, EU-framework programmes (FP5, FP6), Eureka, DERA, European Space Agency, MOD, US Office of Naval Research, USAF and various UK and overseas private companies.

Member of International Scientific Committee of six successive Plant Biomechanics conferences between 1994 and 2012 and Keynote Speaker on composite mechanics, wood mechanics, biomechanics, biomimetics and architecture at many international conferences. Entry in Who is Who in Computational Science and Engineering.

Member of Institute of Materials and of Smart Materials and Structures committee from 1994 to 2010. Has served on the advisory board of *Science and Engineering of Composite Materials* and on the editorial board of *Biomimetics*. Currently on the Editorial Board of new international journal *Virtual and Physical Prototyping*, *Wood Science and Technology* and *Biomimetics & Bioinspiration*. He is also a regular referee for *J. Materials Science*, *Fibre Science and Technology*, *Composites*, *J. Strain Analysis (I.Mech.E)*, *Smart Materials and Structures* and several other international journals as well as having often refereed Research Grant applications for EPSRC, BBSRC, DTI, the Australian and Canadian Science Research Council and the European Science Foundation.

Lectured at the joint European Science Foundation and National Science Foundation (USA) workshop on "Nature-Inspired Science and Engineering for a Sustainable Future" in Istanbul. Has contributed to Science Policy Briefing document No 44: *Nature-inspired science and engineering for a sustainable future*, ESF, June 2012, ISBN: 978-2-918428-73-2. Keynote and Invited Lectures at various international conferences in Europe, the USA, Japan and New Zealand.

Current European and International research activities:

- | | |
|---------------|---|
| 2009-Present | President of BLOKON International, a European Network for the promotion of Biomimetics in relevant sectors (engineering, architecture, built environment, materials, sensors). |
| 2005-Present | Fellow of International Academy of Wood Science and Chairman of the Academy Board of the IAWS (2010-2012). |
| 2015, October | Contribution to the Design and Fabrication of the AA EmTech pavilion "THE TWIST" exhibited at TimberExpo 2015 and short listed for TimberExpo Award (http://woodawards.com/shortlist-2016/) |
| 2016-April | Attended the EU-funded Robosoft Coordination Action on Soft Robotics as Member of the Scientific Advisory Board |
| 2016 | Nominated Reviewer by the EU-Horizon 2020-FET Research Programme for the project LiNaBioFluid on bio-inspired solutions for micro-fluidic transport |
| 2016 | Invited to join the Editorial Board of the international journal " <i>Journal of Biomimetics in Engineering</i> " |
| 2016 | Invited by the Portuguese Department of Higher Education to evaluate a PhD Materials Science Programme at the Universidade Atlantica and a Masters Programme at the Univerity of Aveiro |

Invited Lectures

- | | |
|------|--|
| 2015 | Keynote Speaker: "Lessons from nature: Materials-Structures-Performance. Conference on <i>Biological Design and Integrative Structures</i> , SFB/T141-ITKE, Stuttgart-12/13 Nov. 2015 |
| 2016 | Invited Speaker: "Bio-inspired Innovation for Sustainability: Materials-Structures-Performance", <i>CEEBIOS Meeting</i> , Paris, February 2016 |
| 2016 | Invited Speaker: "Bio-inspiration from biological fibrous structures for functionality and performance". <i>Biomimicry and Design</i> , Victoria and Albert Museum, London, 17 June 2016 |

PUBLICATIONS 2009-2016

Refereed Papers (Journals)

- Johnson, E.A.C., Bonser, R.H.C. and **Jeronimidis, G.** (2009) Recent advances in biomimetic sensing technologies. *Phil.Trans.Roy.Soc. A* **367**:1559-1569.
- Santulli, C., **Jeronimidis, G.**, De Rosa, I.M. and Sarasini, F. (2009) Mechanical and falling weight impact properties of unidirectional phormium fibre/epoxy laminates. *Express Polymer Letters* **3**(10): 650-656.
- Coutand, C., Mathias, J-D., **Jeronimidis G.** and Destrebecq J-F. (2011) TWIG: A model to simulate the gravitropic response of a tree axis in the frame of elasticity and viscoelasticity, at intra-annual timescale. *J.Theoretical Biology*, **273**:115-129.
- Hou, J.P., Bonser, R.H.C. and Jeronimidis, G. (2011) Design of a biomimetic skin for an octopus-inspired robot. Part I:Characterising octopus skin. *J. Bionic Engineering*, **8**:288-296
- Hou, J.P., Bonser, R.H.C. and Jeronimidis, G. (2011) Design of a biomimetic skin for an octopus-inspired robot. Part II:Development of the skin artefact. *J. Bionic Engineering*, **8**:297-394
- Hou, J.P. and **Jeronimidis, G.** (2012) A novel bogie design made of glass fibre reinforced plastic. *Materials and Design*, **37**:1-7
- Hou, J.P., Wright, E., Bonser, R.H.C. and **Jeronimidis, G.** (2012) Development of biomimetic squid-inspired suckers. *J. Bionic Engineering*, **9**:484-493.
- Greenberg, E. and **Jeronimidis, G.** (2013) Forest patterns as a model for urban morphologies-Variation and Distribution, pp 25-31. *Architectural Design No 224-System City*. Michael Weinstock Guest-Editor
- Eze, N., Mirón, A., Rogers, A.G., **Jeronimidis, G.**, Fitzgerald O'Connor, A., Jiang, D. (2014) The effect of angulation of the vibrating Floating Mass Transducer on stapes velocity. *Otology and Neurotology*, **35**(7):1223-1227.

Refereed Conference Proceedings

- Alagirisamy, P.S., **Jeronimidis, G.** and Le Moal, V. (2009) An investigation of viscous-mediated coupling of crickets' cercal hair sensors using a scaled up model. In: *Proceedings SPIE*, **7401**: A1-A10.
- Hunt, D. and **Jeronimidis, G.** (2010) Dimensional Changes of Wood Panels In Relation To Paintings. *Proceedings of COST Action IE0601 Conference, Izmir, Turkey, 19-22 October, 2010*.
- Hou,J., Bonser, R.H.C. and **Jeronimidis, G.** (2012) Developing sensorized arm skin for an octopus inspired robot. *Proceedings of the 2012 IEEE International Conference on Robotics and Automation*, Saint Paul, Minnesota, USA, May 14-18, 2012.
- Jeronimidis, G.** (2013) Biomimétisme inspiré des plantes et des insectes : de la science des matériaux aux micro-senseurs. In Actes-Commissariat général au développement durable – Direction de la recherche et de l'innovation, pp. 8-9.
- Guilder, J. and **Jeronimidis, G.** (2016, in press) A design analysis approach towards bio-inspired smart material applications for architecture. *Build Skins Conference*, Bern, Switzerland, Oct. 10-11, 2016.

MARINA LATHOURI *MArch (Hons) MPhil PhD*
 Director MA History and Critical Thinking in Architecture
 Member Academic Board

Marina Lathouri studied architecture, philosophy of art and aesthetics. She directs the Graduate Programme in the History and Critical Thinking at the AA and lectures at Cambridge University. She has previously taught at the University of Pennsylvania and is Visiting Professor at the Universidad de Navarra, Spain and the Universidad Catolica in Santiago, Chile. She writes and teaches on a variety of subjects that lie in the conjunction of historiography, uses of the past and modernity, architecture and literature, the city and political philosophy. Most recently, she co-authored *Intimate Metropolis: Urban Subjects in the Modern City* (Routledge 2008) and *City Cultures: Contemporary Positions on the City* (AA Publications 2010) and has published numerous articles.

EDUCATION

University of Pennsylvania, Graduate School of Fine Arts

PhD History and Theory of Architecture (2006)

University of Sorbonne, Department of Philosophy, Paris, France

MPhil Philosophy of Art and Aesthetics (1993)

School of Architecture Paris-Villemin, Paris, France

MPhil History and Theory of Architecture (1992)

The Berlage Institute, The Netherlands

Certificate of Advanced Studies in Architecture (1991)

Aristotle University of Thessaloniki, School of Architecture, Greece *MArch* (1989)

ACADEMIC POSITIONS

Architectural Association, MA History and Critical Thinking in Architecture, *Director*

Architectural Association, PhD Programme, *Director of Studies*

University of Cambridge, Department of Architecture, *Visiting Lecturer* (1999-)

Pontificia Universidad Catolica de Chile, *Distinguished Visiting Professor* (2012-)

University of Thessaly, Greece, *Visiting Professor MA* (2012-13, 2014-)

Open University, Athens, *Adjunct Professor* (2014-)

Universidad de Navarra, Spain, *Visiting Professor MA/PhD* (2009-)

Universidade do Minho, Portugal, *Director of Studies PhD Programme* (2008-10)

University of Pennsylvania, Graduate School of Fine Arts, *Adjunct Professor* (1996-1999)

University of Greenwich, Masters of Arts in Architecture (MAA) and Masters of Science in Architecture, School of Architecture and Construction, *External Examiner* (2006-11)

University of Kent, MA in Architecture and Cities, School of Architecture, *External Examiner* (2012-2015)

RESEARCH INTERESTS

The conjunction of historiography, uses of the past and modernity, architecture and literature, the city and political philosophy. Co-authored *Intimate Metropolis: Urban Subjects in the Modern City*, published several articles, and directed a Research project at the AA entitled *City Cultures*. In her teachings and writings, she aligns histories of the architectural and urban project with contemporary theoretical arguments as well as textual, visual and design practices. The various discrete languages in which architecture operates not only have greater ramifications for the study

of history but also shed light in to the ways in which architecture, subjected to legal and economic constraints, cultural specificities and political ideologies becomes a form of negotiation between different systems.

RECENT PUBLICATIONS

Books:

Intimate Metropolis: Urban Subjects in the Modern City, London: Routledge, 2008

City Cultures: Contemporary Positions on the City, London: AA Publications, 2010

Essays in Books and Articles:

Forthcoming: "Out-of-Focus Impression: The Uncertain Typology of Louvre-Lens", in: *The Building*, Lars Muller Publishers, 2016

"Co-habitations", University of Thessaly Publications, 2015

"Fragments: thinking inside the box", in: *Little Worlds*, London: AA Publications, 2014

"Projective Architectures: the question of borders in a connected world", in: *Masterplanning the Adaptive City: Computational Urbanism in the Twenty-first Century*, London and New York: Routledge 2014, p.20

"A History of Territories, Movements and Borders: Politics of Inhabitation", in: *System City: Infrastructure and the space of flows*, Architectural Design Special Issue 04/2013, p.32

"The City as a Project: Types, Typical Objects and Typologies", in: *Architectural Design*, Jan/Feb 2011

"North Penn Visiting Nurses' Association Headquarters", in: *First Works: Emerging Architectural Practices of the 1960s and 1970s*, London: AA Books, 2009

"The Frame and the Fragment: Visions for the Modern City", in: *AA Files*, no 51, 2005

"Notes on Nomadism and Urban Dwelling", in: *Places of Nomadic Dwelling*, Athens: Hellenic Institute of Architecture, 2001

"vEL Architects: Urban Filter", in: *Cambridge Architecture Journal Scroope* no 12, 2001

"Enterlacs de Topia, Interlacing Topia", in: *L'Arc Ouest pour Thessalonique: Nouveaux Espaces Collectifs dans la Ville Contemporaine*, Athens: Untimely Books, 2000

"Le Corbusier: From Paris to Chandigarh, Variations on the Same Theme (1922-56)", in: *La Citta Nuova*, Washington: ACSA Press, 2000

"CIAM Meetings 1947-59 and the Core of the City: The Transformation of an Idea", in: *La Citta Nuova*, Washington: ACSA Press, 2000

RESEARCH PROJECTS / RECENT LECTURES

"Waiting for appropriation: Notes toward a history of the architectural project", Paper presented at: "Tabula Rasa", International Conference, Universidad de Navarra, Key note Speaker, February 2015

"The object under translation", Paper presented at: "Architecture in Translation: The Mediation of Social and Urban Spaces", International Conference, Venice Biennale, Speaker, September 2014

"Translations in Architecture: From open plan to open system", Paper presented at: *Resonances of Modernity*, International Conference on the occasion of the hundred years of Le Corbusier's Maison Dom-ino, Architectural Association, Speaker, 2014

"Homo Ludens: experiential narratives of the post-war city", Paper presented at: *Memory narrates the city: oral testimonies for the past and the present of urban space*, 20th International Conference of the Society of Oral History, University of Athens 2014

Design by Words, Laboratory on Writing in collaboration with Fabrizio Gallanti (Canadian Centre of Architecture), Architectural Association 2014

Architecture Politics, History and Critical Thinking Debates, Architectural Association, *Organiser/Moderator*, 2013-

Politics and Spaces, History and Critical Thinking Debates, Architectural Association, *Organiser/Moderator*, 2009-13

City Cultures Research Cluster AA/CC, Architectural Association, *Director*, 2008-11

Writing Architecture, Post-Graduate Seminar, Pontificia Universidad Catolica de Chile, 2012-

Critical Writing in Architecture, International Conference, Architectural Association, *Organiser/Speaker/Moderator*, 2011

History and Theory in Architectural Education, International Workshop at Werner Oechslin Library Foundation, Einsiedeln, Switzerland, *Speaker*, 2009

Re-reading Palladio, International Conference in collaboration with the Royal Academy of Arts, *Organiser/Moderator*, 2009

Writing in Architecture, International Course at Werner Oechslin Library Foundation, *Speaker*, 2008

"*Reconstructing the topographies of the modern city: the late CIAM debates*", PhD Dissertation presented at the University of Pennsylvania, 2005

"*Aris Konstantinidis: The Building and the Land*", Exhibition of drawings, photographs and models by Aris Konstantinidis, at Princeton University and The Foundation for Hellenic Culture in New York, *Curator*, 1998

"*Aris Konstantinidis: The Building and the Land*", International Conference, Princeton University, School of Architecture, *Organiser/Speaker/Moderator*, 1998

DESIGN RESEARCH

Lead Consultant, Urban and Planning Department, City of Geneva, Switzerland, 2000-03.

1992-2000

Project Architect of Exhibition Space / Curator, H. P. Berlage's Stock Exchange, Amsterdam

Architectural Studies for Sustainable Houses, San Francisco

Research Project for New Housing Systems, The Netherlands

"Sign of the Future", International Ideas Competition, Graz, Austria

6th International Design Competition, Osaka, Japan

C.A.U.E. 94, "Hotel Industriel", Paris, France

Planning and Design of Housing District and Cultural Centre, Montauban, France

Design Consultant, Architecture Studio Architects, Paris

DESIGN AWARDS

1st Prize, International Competition, Master Planning and Infrastructure Research for the urban district Gare des Eaux Vives in Geneva and its rail connection to France (1999)

Design Honour, Netherlands Architecture Institute, Rotterdam (1999)

Winning Entry, International Competition of Urban Design, the Northern districts of the city of Thessaloniki, Greece (1997)

Distinguished Project, Biennale of Venice (1991)

2nd Prize, International Competition of Urban Design, Master Plan and Design of Olympic Village, Russia (1991)

LECTURES

Lathouri has lectured at the AA and the University of Cambridge at all levels, undergraduate and graduate as well as widely in Europe, U.S.A. and Latin America.

Academic affiliations to the Architectural Association School of Architecture, Cambridge University, Princeton University, University of Pennsylvania, Staatliche Akademie der Bildenden Künste Stuttgart, Universidad de Navarra, Werner Oechslin Library Foundation, University of Greenwich, University of Newcastle upon Tyne, University of Virginia Tech, University of Thessaly Greece, Silpakorn University Bangkok and Pontificia Universidad Catolica de Chile.

DOUGLAS SPENCER

Lecturer MA History & Critical Thinking
 Lecturer, MA Landscape \Urbanism
 Co-Director, Urban Prototypes Research Cluster

Douglas Spencer's recent writing includes contributions to the collections *The Missed Encounter of Architecture with Philosophy* (Bloomsbury, 2014), *Architecture Against the Post-Political* (Routledge, 2014) and *New Geographies 6: Grounding Metabolism* (Harvard 2014). He is a regular contributor to the journal *Radical Philosophy* and has also written for *The Journal of Architecture*, *Domus*, *Culture Machine*, and *Telos*. He is currently writing a book titled *The Architecture of Neoliberalism*, to be published by Bloomsbury in 2016.

EDUCATION & QUALIFICATIONS

1978-1981 Amersham College of Art - Arts Diploma
 1985-1988 Sheffield City Polytechnic – BA (Hons) History of Art, Design and Film Studies (2.1)
 1992-1995 Thames Valley University - MA Cultural Studies
 2008-2012 University of Westminster - PhD Architecture History and Theory

POSITIONS

2014 to date PhD Supervisor, Royal College of Art
 2013 to date PhD Supervisor, University of East London
 2012 to date PhD Supervisor, Architectural Association
 2011 to 2014 Co-director, 'Urban Prototypes' Research Cluster, Architectural Association
 2011 to date AA Graduate School: Lecturer, MA Historical and Critical Thinking
 2008 to date Graduate School of the Architectural Association: Lecturer, MA Landscape Urbanism
 2008-2012 University of Westminster: Senior Lecturer In Architecture: History and Theory
 2007 to 2016 University of East London: Senior Lecturer in Architecture: History and Theory
 2000-2008 Buckinghamshire Chilterns University College: Lecturer in Historical and Critical Studies
 2006 Middlesex University: Visiting Lecturer – Architecture and Art History
 2005 University of East London: Visiting Lecturer – MA Architecture
 1994-2000 Amersham and Wycombe College: Lecturer in Historical and Critical Studies

PUBLICATIONS:*Books*

The Architecture of Neoliberalism: How Architecture Became and Instrument of Control and Compliance, London and New York: Bloomsbury, 2016.

Critical Territories: From Academia to Praxis, Actar/List Lab, Barcelona, 2014 (with Eva Castro, Eduardo Rico and Alfredo Ramirez)

Chapters in Books (Selected)

'The Alien Comes Home: Getting Past the Twin Planets of Possession and Austerity in Le Guin's *The Dispossessed*' in *The New Utopian Politics of Ursula K. Le Guin's The Dispossessed*, edited by Laurence Davis and Peter Stillman, Lexington Books, 2005

'From Representation to (Re)invention: Digital Architecture, NURBS and the Body' (with Henriette Bier) in *Aesthetics and Urbanism* edited by Gerhard Bruyns, O10, Rotterdam, 2006

'Outside the Kaleidoscope' in *Recycling Culture/s* edited by Sara Martin, Felicity Hand, Isabel Clúa, Cambridge, 2008

'Instrumental Urbanism and Immaterial Labour', in *Positions on the City*, Marina Lathouri and Ryan Dillon, eds., AA Publications, 2010

'Investing in the Ground: Reflections on Scarcity, Remediation and Obdurate Form', in Jon Goodbun, ed, *Scarcity: Architecture in an Age of Depleting Resources Architectural Design*, Wiley Academy, London, 2012

'Remaking the Public in Post-reform China: OMA's CCTV and the Image of Labour' in Elie Haddad and Nadir Lahiji, eds. *Against the Post-Political: Reclaiming the Critical Project in Architecture*, Routledge, London, 2014

'The New Phantasmagoria: Transcending the Violence of Financial Capitalism' in Nadir Lahiji, ed. *Idolatry and Ideology: The Missed Encounter of Radical Philosophy with Architecture*, Continuum, London, 2014

'Less than Enough: A Critique of Aureli', in *This Thing Called Theory*, eds Teresa Stoppani, Giorgio Ponzo, and George Themistokleous, Routledge, November 2016.

'Agency and Artifice in the Environment of Neoliberalism' in *Landscape and Agency*, eds Ed Wall and Tim Waterman, Routledge, 2016.

'Introduction (with Ed Wall and Tim Waterman) in *Landscape and Agency*, eds Ed Wall and Tim Waterman, Routledge, 2016.

SELECTED PUBLICATIONS: JOURNALS

'When a Moving Body Meets a New Formation: Plasma Studio and the Fourth Floor of the Hotel America' in *AA Files* 53, Spring 2006.

'Landscape Urbanism at the AA' in *Domus* (China) November 2007.

'Pier Vittorio Aureli, The Project of Autonomy: Politics and Architecture within and against Capitalism' (review essay) in *Radical Philosophy*, 153, January/February 2009.

'Landscape Urbanism at the Architectural Association' in *Topos* 71, June 2010.

'Replicant Urbanism: The Architecture of Hadid's Central Building at BMW Leipzig,' in *The Journal of Architecture*, vol.15, no.2, April, 2010.

'Architectural Deleuzism: Neoliberal Space, Control and the 'Univer-City'', *Radical Philosophy* 168, July/August, 2011.

'Nature is the Dummy: Circulations of the Metabolic', *New Geographies 6: Ungrounding Metabolism*, 2014

'The Limits of Limits: Schmitt, Aureli, and the Geopolitical Ontology of the Island', in *New Geographies 8: Islands*, 2016.

'Out of the Loop: Architecture, Automation and Cognitive Disinvestment' in *Volume 49: Automation*, September, 2016.

'The Consistency of Experience: Architecture, Mass Ornament and the Indifferent Environment' in *Praznina* 10, forthcoming Autumn 2016.

'Undoing the Demos: Wendy Brown', in *Radical Philosophy* 200, Sep/Oct, 2016.

SELECTED GUEST/KEYNOTE LECTURES

Keynote lecture, 'Complexity without Contradiction: Cybernetics, Architecture and Enchantment', Nordic Association of Architectural Research, Annual Conference 2010, April 22-24, University of Tampere, Finland.

'Instrumental Urbanism and Immaterial Labour', AA City Cultures Research Cluster Symposium, 14 May, 2010, Architectural Association, London.

'Groundworks' Infrastructures and Landscapes symposium, 14 October 2010, Institute of Urbanism and Landscape, AHO, Oslo.

'Marketing Strategies: FOA and Ravensbourne', MA History and Critical Thinking, Architectural Association, London, 31 January 2011.

'Schooled in Precarity: the subject of education', Roscoe Occupation, Manchester University, 8 March 2011.

'Remaking the Public: CCTV, the Hyperbuilding and the Image of Labour'. Berlage Institute, Rotterdam, 27 April, 2012.

'Architecture and the Techno-aesthetics of the Environment', Processing Environments symposium, Guggenheim Bilbao, 19 June 2012.

'Immediate Affect: Architecture, Neoliberalism and the Patterning of Experience' at 'The Architecture of Deregulations', KTH, Stockholm April, 2016

SELECTED CONFERENCE PAPERS

Where is the Body in Digital Architecture? - *Aesthetics & Architectural Composition*, Dresden International Symposium of Architecture, Dresden, Germany, June 2004.

(Dis)possessed of a Vision: post-consumerist Utopias in Le Guin and radical design theory - *Utopian Studies Society* – 5th International Conference, University of Porto, Oporto, Portugal, July 2004.

Deleuzian Architecture in Control Societies - *Defining Space* conference: School of Architecture, Landscape and Civil Engineering /School of Languages, Literatures and Film, University College Dublin, Ireland, October 2007.

General Intellect, Collective Intelligence and Immaterial Labour: office architecture and the management of the network - *Networks of Design* conference: The Design History Society, University College Falmouth, UK, September, 2008.

Replicant Urbanism - *Urbanism and Urbanization*: 5th International PhD Seminar, Faculty of Architecture, Urbanism and Planning, K.U. Leuven, 3 October, 2009.

Parallel Lines: formal expression as publicity in the architecture of Hadid's Central Building for BMW Leipzig - *6th Annual AHRA Research Student Symposium*: Welsh School of Architecture, Cardiff University, 12 December 2009.

Landscape, Agency, and Artifice, Landscape and Critical Agency, *Landscape and Critical Agency* symposium, the Bartlett School of Architecture, University College London, 17 February 2012.

'Rhapsodies of Perception: Architecture, Affect and the Immersive Environment', Kent School of Architecture, December 3, 2014.

'Architecture's Franciscan Turn: Forms of Life and Pre-critical Theory', 'This Thing Called Theory', 12th AHRA International Conference, Leeds Beckett University, November 17, 2015.

'Material and Rational Feminisms', with Peg Rawes, 'Architecture and Feminisms: Ecologies, Economies, Technologies', 13th AHRA International Conference, KTH Stockholm, November 17 2016 - November 19 2016

CONFERENCES, SYMPOSIA and LECTURE SERIES ORGANISED

Landscape and Critical Agency, a symposium at the Bartlett School of Architecture, University College London, 17 February 2012, with Murray Fraser, Ed Wall and Tim Waterman

The (Dis)enchanted Subject of Architecture: From Neobaroque to Neoliberalism, a symposium at the Architectural Association, London, 25 November 2016. Organised with Nadir Lahiji and featuring, Joan Ockman, Nina Power, Libero Andreotti, David Cunningham, Marina Lathouri and Will Orr.

HCT Debates, Guest lecture series for MA History and Critical Thinking, Architectural Association, 2013 to date, with Marina Lathouri and John Palmesino.

BRETT STEELE AA Dipl, Hon FRIBA, FRSA
Director, AA School

Brett directs the AA School of Architecture, including its public programme, publications, membership and fundraising activities. Current projects include multi-year master plans expanding the AA's historic Bedford Square home and rural campus in Hooke Park, Dorset. Brett's initiatives at the AA have include the launch of the Digital Prototyping Lab; a new rural campus in Dorset; new full-time MSc & MPhil graduate courses; and a new PhD by Design programme. In 1996 Brett founded and for 9 years Directed the AADRL Design Research Lab, an innovative team-based MArch programme. He is formerly a partner of desArchLab, an architectural office in London, and has taught and lectured at schools throughout the world. He is the editor of **NEGOTIATE MY BOUNDARY** (2002); **CORPORATE FIELDS** (2005); **DESIGN AS RESEARCH** (Beijing 2005); **FIRST WORKS: ARCHITECTURAL EXPERIMENTATION OF THE 1960S & 1970S** (2009); **SUPERCRITICAL: PETER EISENMAN MEETS REM KOOLHAAS** (2009); and **O14: PROJECTION & RECEPTION** (2012); **NETWORKS: AN ANTHOLOGY OF DISTRIBUTED DESIGN CULTURES** (forthcoming, 2014); and **MACHINE WORKS: THE RISE OF MODERN MACHINIC ARCHITECTURES** (forthcoming, 2014). Brett's articles, interviews & lectures have appeared in ARCH+, ARCHITECTURAL DESIGN, ARCHITECTURAL REVIEW, A+U, ARCHIS, AA FILES, HARVARD DESIGN MAGAZINE, HUNCH, WORLD ARCHITECTURE, LOG, MARK, FRAME, JAPAN ARCHITECT, MONOCLE, ICON, DAIDALOS, AREA, and other journals; on CNN and the BBC, in THE WALLSTREET JOURNAL, FINANCIAL TIMES and other media. He is the founder and series editor of **ARCHITECTURE WORDS**, which has since 2009 published the critical writings of Denise Scott Brown, Rem Koolhaas, Peter Eisenman, Max Bill, Kengo Kuma, Toyo Ito & others; and **AGENDAS**, a series of two-dozen books documenting the work of AA students & units. Brett is a frequent writer, lecturer and critic, and his interests include the history of modern architectural education and cultural communication, and the impact of new media, information economies and networked design technologies.

PROFESSIONAL & AWARDS

Director, Architectural Association School of Architecture & AA Publications. 2005-present
Recipient, ACADIA Education Achievement Prize, 2013
Fellow, Royal Society of the Arts
Honorary Fellow, Royal Institute of British Architects
Architectural Editor, Port Magazine (London). 2011-present
Ambient & Augmented Architectures (International Research Group & EPSRC-Culture Grant. 2004-2007), London (Lead Investigator & Network Co-Director)
desArchLab, London. 2000-05 (Founder & Managing Director)
Zaha Hadid Architects, London. 1992-93 & 1986-87 (Project Architect)
o/A office advertising/Architecture, Princeton & New York. 1987-1992 (Founder & Director)
Robert Lamb Hart Architects & Planners, New York. 1982-1984 (Project Architect & Planner)

TEACHING

AA PhD by Design Programme. Founder & PhD Supervisor, 2009-present (London)
AA Visiting School. Founder & Director, lecturer & workshop leader 2008- (Dubai, Turin, London, Singapore, Shanghai, Madrid, Tehran, Sao Paulo, Santiago and other locations)
Architectural Association Histories & Theories Programme Seminars, including: 'The Books of OMA', 2009 (with Zak Kyes & Stephan Petermann); 'Architectural Knowledge & Projects', 2010-2009; 'The Architectural Portfolio', 2008; 'The Books of OMA, 2007; 'The Architecture of Information', 2007; 'Post-Digital' (with Mark Cousins), 2005; 'On Diagrams', 2003-04.
The London Consortium, PhD Supervisor, 2004-06 (London)

AA DRL Design Research Lab, AA School. Founder & Director, 1996-2005.

Design Studios, Workshops & Seminars ('Design as Research', 1999-2005; 'Architecture as Image' 1997-2000; 'BrandSpace' 2000-2001; Monography: The Architecture of 20th Century Publications 2000-2003). Studio clients included Microsoft UK, M&C Saatchi, Thames Valley Gateway, The Tate Modern, and others.

PhD Supervisor, London Consortium / Birkbeck College, London, 2003-present

The Berlage Institute, Rotterdam; Guest Professor, Graduate Design Course, 2001-02
Architectural Association School of Architecture. Diploma Unit Master, 1995-97.

Design Workshops in San Francisco, Madrid, Tokyo, Yokohama, Kowloon, Rotterdam, London, Seoul & other locations, 1997-2009

Harvard Graduate Design School. Visiting Lecturer, Graduate Design Studio, 1994-95.

EDUCATION

Architectural Association School of Architecture, AA Diploma

University of Oregon, School of Architecture & Allied Arts, Dept. of Architecture

San Francisco Center for Architecture & Urban Studies, San Francisco Art Institute

ADVISORY COMMITTEES, COMPETITION & AWARDS JURIES

2012 British Pavilion Venice Architecture Biennale Advisory Panel

2010-present Advisory Board Member, Living Architecture (UK)

2010-present Advisor & Juror, RIBA Jencks Award in Theory and Practice

2010-2013 Advisory Committee Member, International Committee for Contemporary Architectural Theory, Nanjing (China)

2009-2010 Juror, Taiwan Popular Music Centre (Taipei). Appointment by the Ministry of Culture, Office of the Mayor

2009-present Advisory Committee Member, StudioPlex (Los Angeles/Tokyo)

2009 Juror, Self-Sufficient City International Design Competition, Barcelona.

2008-present Advisor, Instituto Empresa (Madrid). Appointment by the Office of the Rector.

2008-present Board of Advisors. Princeton University School of Architecture. Appointment by the Office of the President.

2008-present Board of Advisors, UN Studio (Amsterdam)

2008 Head of Jury, Arquitectum International Young Architects Idea Competition (Peru)

2008 Member, President's Advisory Panel, The Cooper Union School of Architecture (New York). Appointment by the Office of the President

2007 Advisory Group Member, Presidential Commission on Architectural Culture and Construction Technology (Seoul). Appointment by Jinai Kim, Chairperson

2007-present Visiting Board Member, School of Architecture & Allied Arts, University of Oregon (Eugene). Appointment by the Office of the President.

2006 Juror, SOM UK Traveling Student Awards (London)

2006 Juror, BD Student of the Year Awards (London)

2006 Juror, NAI Young Architect Award (Rotterdam)

2006 Juror, AIA UK Building of the Year Awards (London)

2006 Expert Committee, Iaikov Chernikov Foundation, Young Architects International Competition (Moscow)

2005 London Consortium Board of Management, The London Consortium (London)

2005 Juror, European 8 Competition, Italy Division (Rome)

SELECT RECENT PUBLICATIONS: BOOKS

2014 (forthcoming) Machine Works: The Rise of Modern Machine Architectures (London)

2014 (forthcoming) The Books of OMA, editor (London)

- 2014 (forthcoming) *Net Works: The Rise of Collaborative & Distributed Architecture*, editor (with Francisco Canales de Gonzalez) (London)
- 2012 *014: Projection and Reception*, editor (London)
- 2009 *Supercritical: Rem Koolhaas meets Peter Eisenman*, editor (London)
- 2009 *First Works: Experimental Architectures of the 1960s and 1970s*, editor (with Francisco Gonzalez de Canales), London
- 2007 *Architecture Words: Critical Writings in Contemporary Architecture*. Series founder & editor (London); nos. 1-4 published 2008 & 2009; n. 5-8 published 2010; n. 9-12 2012-13
- 2006 *AA Agendas* (London), Series founder & editor. N. 1-7 published 2006-2009; n. 9-12 currently in production.
- 2005 *Corporate Fields: Experiments in New Office Design*, editor (London). 2010 transl. (Beijing)
- 2005 *AADRL Design as Research, Architecture Creation*, editor (Beijing)
- 2002 *Negotiate my Boundary: RAM+TV*, editor (London)

SELECT RECENT PUBLICATIONS: ARTICLES, INTERVIEWS & REVIEWS

- 2014 (forthcoming) 'Architectural Anti-Realism', in Neil Spiller, ed., *Educating 21st Century Architects* (London)
- 2014 (forthcoming) 'Preface', Sylvia Lavin, *Flash in the Pan* (London)
- 2014 (forthcoming) 'Preface', Alesandra Ponte, *Essays* (London)
- 2014 'Conversation 6', in Tom Verebes, ed., *Masterplanning the Adaptive City: Computational Urbanism in the 21st Century* (London)
- 2013 (forthcoming) 'Painting Machines: Arturo Revilla's Automatic Images' (Berlin)
- 2013 (forthcoming) 'We're not in Walter's world any more: An interview with Brett', by Cristóbal Amunategui & José Aragüez', in *Conversations with Deans* (New York)
- 2013 (forthcoming) 'Wasmuth', in Alexander Eisenschmidt, ed., *Chicagoisms* (Zurich)
- 2013 'Swipe Here', Introduction to *AA Book 2013 Application* (Cupertino/London)
- 2013 'Director's Foreword', *AA Book 2013* (London)
- 2013 'The Key Project of the Architectural School Today is the making of Audiences, not Architects: a conversation with Anthony Vidler', in *Stocktaking*, Log no. 28 (Summer, 2013)
- 2013 'Foreword', *Inside Smart Geometry*, eds. Brady Peters & Terri Peters (New York)
- 2012 'Preface', *Building/Inside Studio Gang Architects*, eds. Jeanne Gang & Zoe Ryan, (Chicago)
- 2012 'Architecture as Inversion: RUR's O14, or Ten Towers I Am Not', in *O14: Projection and Reception*, Brett Steele ed. (London)
- 2012 'Preface', *Adaptive Technologies*, Theo Spyropolous, ed. (London)
- 2012 'Architecture Beyond Research', in *Venice Take Away*, Vicky Richardson ed. (London)

SELECT RECENT EXHIBITIONS & AWARDS

- 2010 'On Paper: Recent Publications by Bedford Press', Exhibition of AA Publications at the Artists Bookfair (New York)
- 2010 'AA Today: Inventing Architects, Educating Architecture; the A4 Gallery, Tokyo
- 2010 'Energy as Form: Prototypes and Symposium at the Cinni Foundation for the Venice Architecture Biennale. AA Research Cluster curated by Stefano Rabolli Pansera (Venice)
- 2010 Honorary Fellowship Award, Royal Institute of British Architects
- 2008 'AA Today'; Beijing Architecture Biennale (AA School)
- 2006 'A Breed Apart'; the AA at the Beijing Biennale (AA School)
- 2006 'Cities Workshop'; the AA at the Venice Biennale (AA School)

SELECT RECENT LECTURES & EVENTS

- 2013 'Figures without Grounds', Lecture Tour at Schools of Architecture in Delhi, Calcutta, Ahmedabad & Bangalore (India)
- 2013 'Educating the Architectural School', Keynote Address, Brazil Association of Architectural Schools (Recife)
- 2013 'The Architect as Editor', Tokyo University School of Architecture (Tokyo)
- 2013 'What are We Missing', Hong Kong University School of Architecture (Hong Kong)
- 2012 'Sticks and Stones', School of Architecture, Washington University (Seattle)
- 2012 'From Part to Whole: Remaking Architectural Culture', School of Architecture and Allied Arts, University of Oregon (Eugene)
- 2012 'Beyond Luxury', Museum of Decorative Arts (Paris, Louis Vitton/AA Visiting School)
- 2012 'Practice Makes (Im-) Perfect: Architectural Experimentation, at Rizvi School of Architecture (Mumbai)
- 2012 'One-to-One: Fabricating Architectural Knowledge', at FEED Forum of Architectural Education (Pune)
- 2012 'The Ambient Studio and Networked City', at INCITE School of Architecture (Bangalore)
- 2012 'After Theory, What's Left?', Delhi School of Architecture (Delhi)
- 2012 SCIARC Thesis Reviews, Invited Juror (Los Angeles)
- 2012 'Curiosity, not Research', British Pavilion Discussion, Venice Architecture Biennale (Venice)
- 2012 'NYLON: New York v. London; or, Architecture's Silk Road', Lecture and Public Conversation with Mark Wigley, Columbia University Graduate School of Architecture, Preservation and Planning (New York)
- 2012 'Architectural Judgment', Lecture at the 2012 Kenon Symposium, Rice University School of Architecture (Houston)
- 2012 'Miniaturisation & Communication: Global Architecture', Lecture with Ben van Berkel at the Shimon Peres Peace Institute (Tel Aviv)
- 2012 'Architecture's Global Instinct: What's Right and Wrong in the World Today', Keynote Lecture at the International Symposium for Architectural Education, University of Luxembourg (Luxembourg)
- 2011 'The School as a Form of Research', Colloquium Presentation at the Canadian Center for Architecture (Montreal)
- 2011 'From A to B and back again: architecture in reverse)', Bangalore School of Architecture (Bangalore)
- 2011 'The Office as Educator: Delirious OMA', Barbican Center (London)
- 2011 'Mies-Understandings', at 'Rethinking Mies: an International Symposium', Aachen University (Aachen, Germany) end/bbs/cv/4-page/09.2013

THOMAS WEAVER

Editor, AA Publications

Thomas Weaver is an architectural writer, teacher and editor. Educated at the Bartlett School of Architecture and then at Princeton University, where he studied for a PhD under the supervision of Georges Teyssot, he subsequently worked as editor of *ANY (Architecture New York)* magazine in New York and taught courses in architectural theory and design at the Cooper Union alongside Peter Eisenman. Based in London since 2002, he combined teaching positions at Brighton University with editorial work on publications for David Chipperfield Architects and Foster and Partners before joining the Architectural Association School of Architecture, where he currently edits the award-winning journal *AA Files*, is managing editor of all of the AA's other publications and teaches architectural history and theory within the school's MA and PhD programmes. He is also a visiting tutor of architecture at the Catholic University, Santiago de Chile, a visiting fellow at the University of Queensland, Brisbane, and a visiting examiner at the department of architecture, University of Cambridge.

Education

1995–2001

School of Architecture, Princeton University, USA

Master of Arts in Architecture Degree

Continuing PhD, supported by Princeton University fellowship, and advised by Professor Georges Teyssot

1992–93

Bartlett Graduate School of Architecture, University College London

Master of Science Degree in the History of Modern Architecture, with Distinction

1989–92

Bartlett School of Architecture, University College London

Bachelor of Science Degree in Architecture

Herbert Batsford Prize

Publications

2013

- 'Introduction', *AA Files Conversations* (London: AA, 2013)
- 'In Conversation with Hilla Becher', in *AA Files* 66, 2013
- 'Against Research', in *AArchitecture* 18, 2013

2012

- 'In Conversation with Massimo Scolari', in *AA Files* 65, 2012
- Thomas Weaver and Pedro Alonso, 'Deserta', in Pedro Alonso (ed), *Deserta: Ecology and Industry in the Atacama Desert* (Santiago: Editorial ARQ, 2012), pp 314–23
- 'Introduction' to Roland Barthes, 'The Eiffel Tower', in *AA Files* 64, 2012
- 'The Gong Show', in *AArchitecture* 16, 2012

2011

- 'Civitas Interuptus', in Jane Pavitt and Glenn Adamson (eds), *Postmodernism: Style and Subversion, 1970–1990* (London: V&A, 2011)
- 'GOD & CO', in *AA Files* 63, 2011
- 'In Conversation with John Winter', in *AA Files* 63, 2011
- 'Deserta', with Pedro Alonso, in *AA Files* 62, 2011
- *GOD & CO: François Dallegret Beyond the Bubble*, edited with Alessandra Ponte and Laurent Stalder (London: AA, 2011)
- 'In Conversation with Tim Street-Porter', in *AA Files* 62, 2011

2010

- 'Sin Sitte', in *Log* 19, 2010
- 'In Conversation with Léon Krier', in *AA Files* 61, 2010
- 'In Conversation with John Morgan', *Tank* magazine, Summer 2010
- 'AA Files', in *20/20: Editorial Takes on Architectural Discourse* (London: AA Publications, 2010)

2009

- 'On Being Bob and Denise', in *AArchitecture* 7, 2009

2008

- 'On the Fourth Plinth', in *Log* 11, 2008

2007

- 'House-Hunting', in *AArchitecture* 5, 2007

2006

- 'Ten Legible Hearings', profile of the composer Edward Jessen, Aarhus Music Festival Catalogue, *Spør*, May 2006

- 2005
- ‘Rumble in the Jungle’, review of the Herzog & de Meuron exhibition at the Tate Modern, in *Log* 6, 2005
 - ‘Shoot the Architect’, in *Tank*, February 2005
- 2001
- ‘The Eye of the Genius’, in *Nach Dem Film*, web-based publication (www.nachdemfilm.de); also in Ralf Grötter (ed), *Privat: Kontrollierte Freiheit in einer vernetzten Welt* (Hannover: Heise, 2003), pp. 99–120
- 2000
- ‘The Eye of the Genius: Crime and Punishment in the Panoptic Mall,’ in *Lotus International* 103, Spring 2000
- 1999
- Editor, *IFCCA Prize for the Design of Cities*, exhibition catalogue (New York: 2x4, 1999)
- 1998
- Co-author, together with Georges Teyssot, of ‘Lawn,’ published as ‘Machine Guns on the Lawn,’ *Blueprint*, July 1998
 - Biography of Le Corbusier for the catalogue *Premises: Invested Spaces in Visual Arts, Architecture and Design from France: 1958–1998* (New York: Guggenheim Museum, 1998)
- 1995
- Chapter 39 ‘Japan’ of *Sir Banister Fletcher’s History of Architecture*, Twentieth Edition, edited by Dan Cruickshank (London: Architectural Press, 1996)
- 1994
- Dictionary entries on a number of twentieth-century architects and engineers for the *Dictionnaire de l’architecture moderne et contemporaine* (Paris: Hazan, 1995)
- Edited Books*
- 2013
- Pier Vittorio Aureli, *DOGMA: 11 Projects*; Francesca Hughes, *Drawings that Count*; Theodore Spyropoulos, *Adaptive Ecologies*; Alessandra Ponte, *The House of Light and Entropy*; Anthony Vidler, *Utopia*; Julian Löffler, *Cinematic Architecture*; *AA Projects Review 2013*; *AA Files* 67, 66;
- 2012
- Lina Bo Bardi, *Stones Against Diamonds*; Vanessa Norwood and Vicky Richardson, *Venice Takeaway*; Dennis Sharp, *Sharp Words*; Lilly Dubowitz, *In Search of a Lost Architect*; Mark Rakatansky, *Tectonic Acts of Desire and Doubt*; Reiser + Umemoto, *0-14*; *AA Projects Review 2012*; *AA Files* 65, 64
- 2011
- Jason Griffiths, *Manifest Destiny*; 51N4E, *Double or Nothing*; Thomas Weaver et al, *GOD & CO*; Aaron Levy and William Menking, *Four Conversations on the Architecture of Discourse*; Toyo Ito, *Tarzans in the Media Forest*; Bernard Cache, *Projectiles*; Detlef Mertins, *Modernity Unbound*; Lars Lerup, *One Million Acres and No Zoning*; Theo Lorenz, *Mediating Architecture*; Stefano Raboli Pansera, *Beyond Entropy*; *AA Projects Review 2011*; *AA Files* 63, 62
- 2010
- Max Bill, *Form, Function, Beauty = Gestalt*; Martin Self, *Making Pavilions*; Carlos Villanueva Brandt, *London +10*; Sigfried Ebeling, *Space as Membrane*; William Firebrace, *Marseille Mix*; Aaron Levy and William Menking, *Architecture on Display*; Christopher Lee, *Working in Series*; Kirk Wooller, *20/20*; *AA Projects Review 2010*; *AA Files* 61, 60
- 2009
- Peter Eisenman and Rem Koolhaas, *Super Critical*; Pascal Schöning, *Cinematic Architecture*; Yusuke Obuchi, *Nine Problems on the Form of a Pavilion*; Frank Barkow, *An Atlas of Fabrication*; Theodore Spyropoulos, *Enabling*; Brett Steele, *First Works*; Cédric Libert, *311 Methods*; Anne Save de Bearecueil, *Articulated Grounds*; *AA Projects Review 2009*; *AA Files* 59, 58
- 2008
- Denise Scott Brown, *Having Words*; Samantha Hardingham, *LAWUN Project 19*; Jan Turnovsky, *The Poetics of a Wall Projection*; Shumon Basar, *The World of Madelon Vriesendorp*; Steve Hardy, *Environmental Tectonics*; Tom Verebes, *DRL X*; *AA Projects Review 2008*; *AA Files* 57, 56
- 2007
- Kengo Kuma, *Anti Object*; Zak Kyes, *Forms of Inquiry*; Christopher Lee, *Typological Formations*; *AA Projects Review 2007*; *AA Files* 55

2006	Norman Foster, <i>Works 5</i> ; Norman Foster, <i>Catalogue</i> ; Norman Foster, <i>Reflections</i> , Norman Foster, <i>Foster 40</i>
2005	Norman Foster, <i>Works 4</i>
2004	Norman Foster, <i>Works 3</i>
2003	Peter Blundell Jones, <i>Gunnar Asplund</i> ; Brent Richards, <i>New Glass Architecture</i>
2002	David Chipperfield, <i>Architectural Works</i>
2001	Cynthia Davidson, <i>Anything</i>
2000	Cynthia Davidson, <i>Anymore</i>
1999	Cynthia Davidson, <i>Anytime</i> ; Georges Teyssot et al, <i>The American Lawn</i>

Exhibitions

GOD & CO: François Dallegret Beyond the Bubble
 Architectural Association Gallery, London
 5 November 2011 – 15 December 2011
 ETH, Zurich
 3 May 2012 – 24 May 2012
 Paris, Malaquais
 24 September 2012 – 15 November 2012
 Cooper Union, New York
 15 February 2013 – 15 April 2013
 Curator

Educating Architects, Reinventing Architecture
 Takenaka A4 Gallery, Tokyo
 30 July 2010 – 25 September 2010
 Assistant curator

New York: The CCA Competition for the Design of Cities
 Canadian Centre for Architecture, Montréal, Canada
 15 November 2000 – 1 April 2001
 Director

ANY Magazine: A Retrospective Exhibition
 Municipal Arts Society, New York
 5 June – 1 August 2000
 Curator

IFCCA Prize for the Design of Cities
 Vanderbilt Hall, Grand Central Terminal, New York
 5 October – 20 October 1999
 Director

The American Lawn
 Canadian Centre for Architecture, Montréal, Canada
 16 June – 8 November 1998
 Research Assistant

Teaching

2007–	<i>Architectural Association, London</i> Course tutor, MA History and Critical Thinking; PhD supervisor; studio juror
Spring 2012	<i>Berlage Institute, Rotterdam</i> Writing workshops for Pier Vittorio Aureli's PhD programme

2011–13	<i>School of Architecture, Catholic University, University of Santiago, Chile</i> Visiting Tutor
Summer 2011	<i>School of Architecture, University of Queensland, Brisbane, Australia</i> Visiting Fellow
2006–07	<i>School of Architecture, Brighton University</i> Undergraduate dissertation supervisor and seminar leader
1999–2002	<i>The Cooper Union, New York</i> Assistant Professor of Architecture, teaching a second year design studio with Peter Eisenman and an architectural history and theory seminar
1998	<i>Princeton University, School of Architecture</i> Teaching graduate assistant for Professor Mark Wigley's Architecture 308 course, <i>The History of Architectural Theory</i>
1997	<i>Princeton University, School of Architecture</i> Teaching undergraduate assistant for Professor Alessandra Ponte's Architecture 203 course, <i>An Introduction to Architectural Histories and Theory</i>

Lectures

February 2013	Bartlett School of Architecture, UCL, London
January 2013	Catholic University, University of Santiago
October 2012	Princeton University
April 2012	Berlage Institute, Rotterdam
March 2012	Royal College of Art, London
March 2012	Kingston University
February 2012	Canadian Centre for Architecture, Montreal
February 2012	University of Montreal
February 2012	Van Alen Institute, New York
February 2012	University of Pennsylvania
January 2012	Catholic University, University of Santiago
July 2011	University of Queensland
June 2011	Columbia University
January 2011	Catholic University, University of Santiago
November 2010	AA School, London
April 2009	ETH, Zurich

Studio Critic

AA School, Bartlett School of Architecture, University of Westminster, Brighton University, London Metropolitan University, Princeton University, Columbia University, Pratt Institute, Barnard College, Cooper Union, GSD Harvard, ETH Zurich, Hong Kong University, University of Queensland, Kyoto Institute of Technology, Catholic University, Santiago, Berlage Institute, Rotterdam, EPFL Lausanne, Yale University, TU Delft

Employment

2007–	<i>Architectural Association, London</i> Editor <i>AA Files</i> , manager of the AA's Print Studio, managing editor of all of the AA's books and publications, tutor in the MA History and Critical Thinking programme, PhD supervisor
2010–	<i>Royal College of Art, London</i> External validator and guest tutor, Critical Writing in Art and Design MA, and general PhD Supervisor
2004–07	<i>Foster and Partners, London</i> Assistant editor, <i>Norman Foster: Works</i> , volumes 2, 3, 5, and 6 (London: Prestel, 2005–); <i>Norman Foster: Catalogue</i> (London: Prestel, 2005); <i>Norman Foster: Reflections</i> (London: Prestel, 2006); <i>Foster 40</i> (London: Prestel, 2007); <i>Wembley: National Icon</i>

- (London: Prestel, 2007)
- 2003–04 *Laurence King Publishing, London*
Editor, Brent Richards, *New Glass Architecture* (London: Laurence King, 2006)
- 2003–04 *Phaidon Press, London*
Editor, Peter Blundell Jones, *Gunnar Asplund* (London: Phaidon, 2005)
- 2001–03 *David Chipperfield Architects, London*
Editor, *David Chipperfield: Architectural Works, 1990–2002* (Barcelona: Ediciones Poligrafa, 2003)
- 2001 *2x4, New York*
Consultant architectural historian for 2x4's graphic design and signage for Renzo Piano's design for the Nasher sculpture garden, Dallas, Texas
- 1999–01 *Anyone Corporation, New York*
Senior Editor, *ANY* magazine (Architecture New York); *Anything* (Cambridge Massachusetts: MIT Press, 2001); *Anymore* (Cambridge Massachusetts: MIT Press, 2000); *Anytime* (Cambridge Massachusetts: MIT Press, 1999)
- 1999–2000 *Office for Metropolitan Architecture, Rotterdam/2x4, New York*
Consultant architectural historian for OMA's McCormick Tribune Campus Center, Illinois Institute of Technology, Chicago
- 1999–2000 *MIT Press/Georges Teyssot, Princeton*
Editor, Georges Teyssot, *The Disease of the Domicile* (Cambridge Massachusetts: MIT Press, 2001)
- 1998–99 *Canadian Centre for Architecture, Montréal*
Director of the IFCCA Prize for the Design of Cities Exhibition, Vanderbilt Hall, Grand Central Terminal, New York City
- 1998–99 *Canadian Centre for Architecture, Montréal*
Assistant director of the International Foundation for the Canadian Centre for Architecture (IFCCA), Prize Competition for the Design of Cities, Manhattan Project, 1999
- 1997–98 *Princeton Architectural Press/Canadian Centre for Architecture, Montréal*
Assistant editor for the publication *The American Lawn*, edited by Georges Teyssot (New York: Princeton Architectural Press, 1999), accompanying an exhibition of the same title at the Canadian Centre for Architecture, Montréal; June 16 – November 08, 1998
- 1993–94 *Alan Baxter & Associates, London*
Research assistant to the architectural historian Robert Thorne, of Alan Baxter & Associates, investigating nineteenth-century architectural histories in the city of London
- 1992–93 *The Churches Conservation Trust, London*
Photographer of redundant churches throughout East Anglia for The Churches Conservation Trust, London

MICHAEL WEINSTOCK PhD RIBA FRSA

Director of Research and Development

Director, MSc / MArch Emergent Technologies and Design

Michael Weinstock studied Architecture at the Architectural Association and has taught at the AA School of Architecture since 1989 in a range of positions from workshop tutor through to through Academic Head. He received the Acadia Award for Excellence 2008. Whilst his principal research and teaching has been conducted at the Architectural Association, he has published and lectured widely, and taught seminar courses, studios and workshops on Emergence and associated topics at many other schools of Architecture, in Europe including Delft, Rome, Barcelona, Vienna and in Stuttgart; and in the US at Yale and Rice.

RESEARCH INTERESTS

Michael Weinstock's interests extend from his published research into the dynamics, forms and energy transactions of natural systems, and the abstraction and systematisation of knowledge of biological morphogenesis and evolution to contribute to innovative computational processes of architectural design and materialisation that are necessary to sustain human societies through the impending changes. His current focus is on defining new models of ecological intelligence for future cities in a changed world with a special focus on developing new paradigms for sentient cities in extreme climates and ecological contexts. Imagining and building the future city is central to the future of humans in the regime of rapidly accelerating population growth and declining resources, climatic and ecological change, and accelerating complexity of the global system. The ambition is to develop new paradigms for intelligent cities and settlements in the emergent climates and ecological contexts of the future, concentrating on deserts, salt marshes and wetlands, and on the tundra.

PUBLICATIONS

2016, Barakat, M., Weinstock, M. 'Emerging Urban Aural Patterns: Finding Connections between Emergence in Architecture and Soundscape Ecology', in *Interference: A Journal of Audio Culture 5, Writing About and Through Sound*, Trinity College Dublin and The University of Ulster's Arts and Humanities Research Institute.

2015, Weinstock, M. *'The Architecture of Emergence'*, Doctoral Thesis, Architectural Association, London

2015, Chandra, S., Körner, A., Koronaki, A., Spiteri, R., Amin, R., Kowli, S. and Weinstock, M, 'Computing curved-folded tessellations through straight-folding approximation' in *Proceedings of the Symposium on Simulation for Architecture & Urban Design*, Society for Computer Simulation International, pp. 152-159.

2013, Weinstock, M. (Editor) *'System City'*, Architectural Design, Wiley, London

2013, Weinstock, M., 'System City: Infrastructure and the space of flows' in *'System City'*, *Architectural Design*, 83(4), Wiley, London, pp.14-23

2013, Weinstock, M., Gharleghi, M., 'Intelligent cities and the taxonomy of cognitive scales' in *'System City'*, *Architectural Design*, 83(4), Wiley, London, pp.56-65.

2013, Weinstock, M. 'The evolutionary dynamics of sentience in cities' in (Ed. Ednie-Brown, P., Burry, M., Burrow, M.) *'The Innovation Imperative: Architectures of Vitality'*, *Architectural Design*, 83(1), Wiley, London, pp.92-97.

2012, Weinstock, M., 'Ecology and Material Culture' in Poletto, M., *Systemic Architecture*, Routledge, UK

2012, Hensel, M., Menges, A., Weinstock, M., 'Morphogenesis and Emergence (2004-2006)' in (Ed. Carpo, M.) *The Digital Turn in Architecture 1992-2012*, Wiley, London, pp.158 -181

2012, Kotnik, T., Weinstock, M. 'Material, Form and Force', (Ed. Menges, A.) *Material Computation: Higher Integration in Morphogenetic Design, Architectural design*, 82(2), Wiley, London, pp.104-111.

2011, Weinstock, M. 'The Metabolism of the City: The Mathematics of Networks and Urban Surfaces' in (Ed. Legendre, G.L.) *Mathematics of Space, Architectural Design*, 81(4), Wiley, London, pp.102-107.

2011, Weinstock, M. 'The Architecture of Flows: Integrated Infrastructures and the 'Metasystem' of Urban Metabolism', *Proceedings of the 31st Annual Conference of the Association for Computer Aided Design in Architecture (ACADIA)*, Cumincad, pp.40-43

2010, Weinstock, M. The EmTech Wave Canopy of 2009. In (Ed. Ertas, H., Hensel, M., Hensel, D.) *Turkey: At the Threshold, Architectural Design*, 80(1), Wiley, London, pp.124-127.

2010, Weinstock, M. 'Emergence and the Forms of Cities' in (Ed. Gissen, D.) *Territory: Architecture Beyond Environment, Architectural Design*, 80(3), Wiley, London, pp.118-121.

2010, Weinstock, M. 'Emergence and the Forms of Metabolism' in (Ed. Colletti, M.) *Exuberance: New Virtuosity in Contemporary Architecture, Architectural Design*, 80(2), Wiley, London, pp.126-129.

2010, Weinstock, M. *The Architecture of Emergence: the Evolution of Form in Nature and Civilisation*, Wiley, London

2010, Hensel, M., Menges, A., Weinstock, M. *'Emergent Technologies and Design: towards a Biological Paradigm for Architecture*, Routledge.

2010, Weinstock, M. 'Evolution and Computation' in (Ed. Hensel, M., Menges, A., Weinstock, M) *'Emergent Technologies and Design: towards a Biological Paradigm for Architecture*, Routledge. London

2009, Weinstock, M. 'Cultural Evolution And The Metabolism Of Cities', in (Ed. Theraulaz, Solé, Kuntz) *Proceedings of the International Workshop Engineering Principles of Innovation in Swarm-made Architectures*, European Centre for Living Technology, Venice 2008

2008, Weinstock, M. 'Nature And The Cultural Evolution Of Architectural Forms' in *Silicon + Skin: Biological Processes and Computation*, Proceedings of the 28th Annual Conference of the Association for Computer Aided Design in Architecture (ACADIA), Cumincad, pp.20-25.

2008, Weinstock, M. 'Metabolism and Morphology' in (Ed. Hensel, H. Menges, A.) *Versatility and Vicissitude, Architectural Design*, 78(2), Wiley, London, pp.26-33.

2008, Weinstock, M. 'Can Architectural Design Be Research? Fabricating Complexity' in (Ed. Sheil, B.) *Protoarchitecture: Analogue and Digital Hybrids, Architectural Design*, 78(4), pp.126-129.

2008, Weinstock, M. 'Can Architectural Design Be Research? In (Ed. Preston, J) *'Interior Atmospheres, Architectural design*, 78(3), Wiley, London, pp.112-115.

2008, Weinstock, M. 'Monsters, Mutations and Morphology', in *Monster, Perspecta 40*, The Yale Architectural Journal, Yale University Press, USA, pp.170-175.

2006. Weinstock, M., 'Monsters and Morphogenesis. On Differentiation, Hierarchy and Energy in Natural Systems', *Arte, Arquitectura y Sociedad Digital 2*: 131.

2006, Weinstock, M., 'Differentiation and Hierarchy in Natural Systems' in (Ed. Hensel, M., Menges, A.) *Morpho-ecologies: Towards Heterogeneous Space in Architectural Design*, AA Publications, London, pp.298-307

2006, Hensel, M., Menges, A., Weinstock, M. (Editors) '*Techniques and Technologies in Morphogenetic Design*', *Architectural Design*, Wiley, London, 76(2).

2006, Weinstock, M. 'Self-organisation and the Structural Dynamics of Plants' in (Ed. Hensel, M., Menges, A., Weinstock, M.) '*Techniques and Technologies in Morphogenetic Design*', *Architectural Design*, Wiley, London, 76(2). pp.26-33.

2006, Weinstock, M., Stathopoulos N., 'Advanced Simulation in Design', in (Ed. Hensel, M., Menges, A., Weinstock, M.) '*Techniques and Technologies in Morphogenetic Design*', *Architectural Design*, Wiley, London, 76(2). pp.54-59.

2006, Weinstock, M. 'Self-organisation and Material Constructions' in (Ed. Hensel, M., Menges, A., Weinstock, M.) '*Techniques and Technologies in Morphogenetic Design*', *Architectural Design*, Wiley, London, 76(2). pp.34-41.

2005, Weinstock, M., 'Terrain Vague: Interactive Space and the Housescape' in (Ed. Bullivant, L.) *4dspace: Interactive Architecture*, *Architectural Design*, 75(1), Wiley, London, pp. 46-50

2004, Hensel, M., Menges, A., Weinstock M. (Editors) '*Emergence: Morphogenetic Design Strategies*', *Architectural Design*, Wiley, London, 74(3)

2004, Weinstock, M., 'Morphogenesis and the Mathematics of Emergence', in (Ed. Hensel, M., Menges, A., Weinstock M) '*Emergence: Morphogenetic Design Strategies*', *Architectural Design*, Wiley, London, 74(3). pp.10-17.

2004, Weinstock, M., 'Emergence in Architecture' in (Ed. Hensel, M., Menges, A., Weinstock M) '*Emergence: Morphogenetic Design Strategies*', *Architectural Design*, 74(3), Wiley, London, pp.6-9.

SYMPOSIA:

2015, RIBA Lectures on Design through Production

2014, *Confronting Urban Planning and Design with Complexity: Methods for Inevitable Transformation*. University of Manchester.

2012, *Design Matters with Michael Weinstock*. University of Calgary.

INSTALLATIONS AND CONSTRUCTIONS:

2015, *AA Twist*. AA Emtech in collaboration Hanson Plywood and TRADA, Timber Expo, Birmingham, U.K.

2013-2014, *AA Crossed Fingers Pavillion*. AA Emtech in collaboration with Arup and TRADA, London design Festival and Timber Expo

2012, *AA ETH Pavillion*. AA Emtech in collaboration with the Chair of Structural Design at the ETH in Zurich, ETH Zurich

2013, *AA Carbon Curve*. Architectural Association.

2008, *AA Emtech Canopy*. Architectural Association.

2007, *AA Component Membrane*. Architectural Association.

THANOS ZARTALLOUDIS

Lecturer, History and Theory

Dr. Thanos Zartaloudis is an academic at the University of Kent, where he teaches at Kent Law School. He convenes Immigration, Asylum and Refugee Law and a course titled Law, Space and Power. Zartaloudis is the co-director of Kent's Centre for Interdisciplinary Spatial Studies (University of Kent) and the co-director of *the Centre for Research in Political Theology*, Birkbeck Law School/Kent Law School in association with Universities in Paris, Trento and Geneva. He was earlier teaching at the University of London, Birkbeck College and at the University of Exeter. His background lies in law and philosophy, with a particular interest in legal history and theory, philosophy and social theory. He has taught at and visited many Universities internationally.

He has been teaching and supervising at the AA since 2014 with a particular interest in the interaction of philosophy with architecture and the way in which architecture governs or commands. He has worked closely with architects over the years and his most recent work is the ongoing project with Aristide Antonas (*The Archipelago of Protocols*, DtP Barcelona, 2016). His doctorate in philosophy was on Martin Heidegger and Giorgio Agamben. He has published widely in the fields of law, philosophy and social and political theory as well as history. His latest monograph is *Giorgio Agamben: Power, Law and Uses of Criticism* (Routledge). He is currently completing his book titled *The Idea of Justice* (in early ancient Greece) (EUP, 2017) that examines the early uses of the terms *nomos*, *dike* and *themis*. He is also writing a book titled *The Use of Things: in law and architecture* which will be finished in 2018. He is the head editor of a book series published by EUP since 2015 titled *Encounters in Law and Philosophy*. He has also translated Giorgio Agamben's *The Coming Community* into Greek and he has just finished his first novel (*The Searchers of the City*, in Greek).

Indicative Books:

Zartaloudis, T. (2017), *The Idea of Justice*, EUP (forthcoming).

Antonias & Zartaloudis (2016) *The Archipelago of Protocols*, Dtp Barcelona.

Zartaloudis, T. ed. (2016). *Land Law and Urban Policy in Context: Essays in Honour of Prof. Patrick McAuslan*. Routledge/Birbeck Law Press.

Zartaloudis, T. ed. (2015). *Agamben and Law*. Ashgate International.

Zartaloudis, T. (2011). *Giorgio Agamben: Power, Law and the Uses of Criticism*. Routledge.

Indicative Articles & Book Chapters:

Zartaloudis, T. (2014). Violence without Law? On Pure Violence as Destituent Power. in: Benjamin, W. and Agamben, G. eds. *The Critique of Violence*.

Zartaloudis, T. and Papanagiotou, A. (2014). A Death Foretold: In the Place of Law – Descriptive Plan for the Administration, Expropriation and Annulment of Coastline Commons. *Chronos*.

Zartaloudis, T. (2013). Asylum, Refugee and Immigration Law Studies: A Critical Supplement. in: Islam, R. and Bhuiyan, J. H. eds. *An Introduction to International Refugee Law*. Martinus Nijhoff Publishers.

Zartaloudis, T. (2012). Theories of Origin as to the Progenitor of the Trust: The Invention of the Uses and the Franciscan Influence in England. *Birbeck Institutional Research Online* 115:167-228.

Zartaloudis, T. (2011). On Justice. *Law & Critique* [Online] 22:135-153.

Zartaloudis, T. (2010). The Archival Word of the Law: on Cornelia Vismann. *Parallax* 56:135-145.

Zartaloudis, T. (2010). Against the Laws of Time: The Cinematic Thought of Theo Angelopoulos. *Cardozo Law Review* 31:1329-1371.

Zartaloudis, T. (2008). Soul Blind or on Profanation. in: Murray, A., Clemens, J. and Heron, N. eds. *The Work of Giorgio Agamben: Law , Literature, Life*. Edinburgh University Press.

Zartaloudis, T. (2008). Ars Inventio, Poetic Laws: Law and Literature - The And. *Cardozo Law Review* 29:2431-2459.

Zartaloudis, T. ed. (2005). *Essays on the work of Jean-Luc Nancy and Jurisprudence (special Journal issue)*. Springer.

Zartaloudis, T. (2002). Without Negative Origins and Absolute Ends: A Jurisprudence of the Singular. *Law and Critique* [Online] 13:197-230