

AA PhD PROGRAMME

ARCHITECTURAL ASSOCIATION SCHOOL OF ARCHITECTURE

phd.aaschool.ac.uk

AA PhD PROGRAMME 2015-16

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Architectural Association Graduate School

34-36 Bedford Square, London WC1B 3ES

The AA is an Approved Institution and Affiliated Research Centre of The Open University (OU), UK. The OU is the awarding body for research degrees at the AA.

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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 scholarly, text-based written dissertation. Alternatively, a studio-based option of a PhD in architectural design is offered to graduates who wish to engage with design as a research tool of the doctoral thesis.

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. Currently about 30 PhD students from over 20 countries are enrolled in the programme. 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 are directed by George Jeronimidis and Michael Weinstock. 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.

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.

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 execution 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 the formal period of their registration for the research degree. Registered students have access to OU Library and Virtual Research Environment.
11. Each registered research student is assigned to one of the PhD Programme's senior supervisors who will act as third party monitor to advise impartially on pastoral matters, any potential student / supervisor conflicts or problems with the research process.
12. Research students must maintain their registration with the AA and OU till completion keeping in regular contact with their supervisors.
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. Registration is renewed with the AA and the OU at the beginning of each academic year.
15. The probation period is concluded toward the end of the first year of registration by the submission of a substantial research report submitted to examination by two internal assessors. 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. Third party monitoring is available to research students at all times.
18. Study trips to undertake fieldwork or attend external events can be scheduled from the second year of study.

Stage 4: Final Year

19. Much of the final year is normally 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 (see *Submission Guidelines* for format, binding and number of copies) is to the AA Graduate School Administrative Coordinator.

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 independent 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 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 required to check corrections.

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.
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 day of the academic year.

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 at 1.00pm on Fridays. Forthcoming meetings are scheduled for 18 September, 9 October and 4 December in 2015 and 29 January, 11 March, 13 May and 4 July in 2016.

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 provide proof of financial arrangements encompassing the entire duration of study. Proof must be provided of funding to cover tuition fees for up to four years (12 academic terms) for PhD and three years (9 academic terms) for MPhil. Administrative matters and issues relating to 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 some 30 individual PhD research projects starting or continuing in 2015-16 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 in the form of plenary 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 research training and skills development. Regular events are held in the form of seminars and presentations of research work under each of these categories involving both new and continuing research students. Joint seminars combining students and staff from the different strands of the programme are held at different times of the year.

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 supervision experience and knowledge of candidates' field of research. The AA PhD Programme has a considerable number of fulltime academic staff who are highly experienced PhD supervisors as directors of studies and 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 agreed and known to applicants by the time they are offered a place. Second supervisors are also appointed at the same time unless such appointment should await further development of the research proposal in which case it is formalised soon after AA enrolment. All new PhD students are interviewed on arrival at the School and their supervision arrangements and schedule of preparatory studies are reviewed and confirmed. Supervisor appointments then become formalised by the OU following approval and registration of candidates' research proposals; OU registration also sets 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) is carrying out her/his responsibilities to the student
- meet the student and other supervisor(s) together to discuss the research project at least three times a year in the case of students registered to study full-time.

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 for students registered to study full-time.

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 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 PhD in AD is not new for the AA. It can be traced back to the late 1980s since when many of the PhD projects undertaken in the areas of environmental design and energy studies have been concerned with design research, employing design both as research tool and as an expression of a projects' contribution to knowledge. What is new at present is the thematic broadening that has become possible by the development of computational tools in other related 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.
- 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.
- 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.
- 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 be of 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 an OU 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 School 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 students' work produced during their registration at the Architectural Association School of Architecture:

- 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. Complaints that cannot be resolved by the GMC. A complaint can be made to the OU after 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 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 their 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. Plenary sessions that combine staff and students from across the programme's different areas of research provide challenging opportunities for testing communication skills and benefitting from different viewpoints and research backgrounds.

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 presentations 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 Architects Meet in Istanbul ARKIMEET 2013; the Education & Research in Computer Aided Design in Europe eCAADe 2013 & 2014 Conferences in Delft, the Netherlands and 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 UPenn Summer School, Herakleion, Greece; the Passive and Low Energy Architecture PLEA 2013 and PLEA 2014 Conferences in Munich, Germany and

Ahmedabad, India; the Olympic Legacies event in Rio de Janeiro; the Literary Criticism Conference 2013 at Mimar Sinan Fine Arts University, Istanbul, Turkey 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

Student papers have recently appeared in AArchitecture, *Materia Arquitectura*, Routledge Encyclopaedia of Modernism, *ArchiDOCT* e journal of doctoral research in architecture and *Scapegoat Journal* among others. Special events included the PhD Conversations on the Building (see figure below), organised with colleagues from the US and Sachiyo Nishimura's exhibition "Random Structures" both held at the AA. From this academic year the PhD Committee will provide additional 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) and Jingming Wu (2015). 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.

4.11 Teaching Assistantships











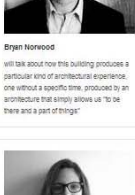









Opportunities for part-time teaching assistantships may become available from time to time to second or third year research students.

4.12 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.

 <p>The event</p>	 <p>Mark Cousins</p> <p>will offer the end-of-day talk. He will reflect both on the buildings discussed during the day and on the larger problem this event poses – namely, the role of the building in the production of architectural knowledge.</p>	 <p>Francisco Gonzalez de Canales</p> <p>will argue how there is a particular plane of confrontation where tensions are specifically condensed: a micro-scale of maximum intensity.</p>	 <p>Elio Santiago</p> <p>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 Vloeberghs</p> <p>will examine the specifics 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</p> <p>will discuss the large smooth internal spaces of this particular building.</p>
 <p>Penelope Dean</p> <p>will be closely looking at floors and their potential for the occupiers.</p>	 <p>Emmanouil Stavrakakis</p> <p>will unpack the subtle relations between this building, the architect and its place.</p>	 <p>Mark Campbell</p> <p>will talk about the pleasure of looking at architecture (or of acknowledging the non-ness of architecture): a dirty little pleasure...</p>	 <p>John McMorrough</p> <p>will ask the rooms of this building: made of bricks, topped by steel, built in a hurry but premeditated. If this is yours, if this is yours, if this is yours, what does it impact?</p>	 <p>Bryn Norwood</p> <p>will talk about how this building produces a particular kind of architectural experience, one without a specific time, produced by an architecture that enjoys above all to be there and a part of things?</p>	 <p>Mario Carpo</p> <p>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>Costandis Kizis</p> <p>will talk about how this building tries to challenge one of the basic rules of concrete construction: the pre-visibility of the casted form.</p>	 <p>Rafi Segal</p> <p>will focus on the single horizontal slab, the roof-ground condition, showing how the building can be read in the context of this preoccupation: in particular, the hovering and transformative role of the roof.</p>	 <p>Joakim Ingvar</p> <p>is the organizer of this event. He will offer the opening remarks and will moderate one of the conversations.</p>	 <p>Aaron White</p> <p>will argue how this building is poised between the two dominant themes of the last twenty-five years: an irreducible singularity and an irreducible multiplicity.</p>	 <p>Aleksandra Vouga</p> <p>will ask, in terms of architectural signification: what constitutes a more persuasive sign than a building that functions as two-dimensional icon.</p>	 <p>Aso Uromati</p> <p>will address what remains of building craftsmanship.</p>
					 <p>Gabriela Garcia de Cortazar</p> <p>will discuss how this building's remarkable invention (not only) caters for local animated rhythms, but also for everyday activities that extend beyond its limits.</p>
					 <p>Adrian Forty</p> <p>will discuss how the redundancy of the wall has left architects unsure as to what to do about the vertical faces of buildings.</p>

Appendix 1

PhD & MPhil PROJECTS

CURRENT PhD PROJECTS

COMPLETED PhD DISSERTATIONS

COMPLETED MPhil DISSERTATIONS

CURRENT PhD PROJECTS

The list does not yet include projects by new students who will be starting in October 2015. These will be added following registration of the research proposals.

Nihal Al Sabbagh

Urban Design and Outdoor Thermal Comfort: Cooling for pedestrians in Dubai

Supervisors: Simos Yannas, Paula Cadima

In Dubai, walking is being jeopardized by the harsh climate and rapid urbanisation. Environmental conditions have been impaired by the morphology of the built environment creating uncomfortable and unappealing outdoor spaces. The current study aims to improve pedestrian thermal comfort helping to prolong the distances that can be travelled by walking at different times of the year. The influence of different design strategies are being investigated in two urban communities, Greens and Jumeirah Lakes Towers.

Alvaro Arancibia Tagle

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

Supervisors: Marina Lathouri, Sam Jacoby

The project challenges the current state of Santiago de Chile's social housing policy and its extreme dependence on the private market. It investigates a new regulatory scenario based on the housing design guide conceived as an instrument for urban transformation by rethinking problems of housing policy and standards. The housing design guide is not just an instrument that defines parameters of design but also a political device that calls for new forms for orchestrating the different stakeholders that participate in housing procurement and the city making process. The research is an attempt to unfold and define a set of fundamental architectural principles within a specific design framework, questioning and expanding the disciplinary agencies of the housing design guide and the problem of contemporary design itself.

Arthur Aw

The Architecture of Innovation Environments: hidden patterns and new relationships

Supervisors: Lawrence Barth, Jorge Fiori

Due to be completed in 2015

Eleni A. Axioti

Architecture as an apparatus of governance: From the welfare state to the state of workfare

Supervisors: Marina Lathouri, Thanos Zartaloudis

As architecture carries characteristics (material and immaterial ones), it can structure the possibilities of our actions and ultimately affect the conditions in which power can be exercised. The thesis addresses this issue by examining how architecture, functioning through its spatial technologies manages our activities and becomes an agent of polity. It investigates the architectural properties, design mechanisms, technologies and norms involved in this process by analyzing specific case studies in their biopolitical context. More specifically, it focuses on the relation between the institutional architecture produced in the late Golden Years and the constitution of the modern social welfare state in the U.K. and the U.S.S.R. Covering the historical period from the appearance of the first welfare state in the mid1960s until the beginning of its disintegration with the introduction of a state of workfare in the West and the dissolution of the Soviet Union in the mid1980s; the thesis follows the transition from the concept of a social subject to the idea of a self-actualizing individual.

Merate Barakat

Sonic City Networks: Urban Design through Acoustic Sensory Manipulation

Supervisors: George Jeronimidis, Michael Weinstock

This research investigates the potential for using sound as a primary driver of urban design. Every urban space has a unique aural signature. The project explored the use of computational approaches for the

development and calibration of an agent-based engine to simulate aural spatial perceptual patterns in an urban space. Field measurements were used to test the veracity of the generated patterns, and to validate the use of these spatial patterns for urban design.

Due to be completed in 2016

Jingru Cyan Cheng

Hukou Reform As Urban Reform - Rethinking The Superblock As A New Model Of Governance In China

Supervisors: Pier Vittorio Aureli, Sam Jacoby

This thesis aims to put forward a systematic project for the twenty-first century Chinese city at both an architectural and territorial level. In the upcoming two decades, Chinese cities will be confronted by a reform of the hukou (household registration) system and consequently by the new challenges of urban growth and densification. The hukou system is an administrative instrument of the central government used to control labour mobility and welfare distribution by dividing Chinese citizens into rural and urban households. The forthcoming reform aims to abolish this fundamental rural-urban dichotomy. The current predominant planning model, the mega-plot, is an outcome of a fundamental contradiction between state-driven planning and market forces. Conflicts identified in labour mobility and welfare distribution reveal that the mega-plot model is already collapsing. The hukou reform will exacerbate its collapse, but also present an opportunity for radical urban reform in China.

Gabriela García de Cortázar Galleguillos

Getting There

Supervisors: Mark Cousins, Pier Vittorio Aureli

The rise and popularisation of technologies of transport and the associated development of technologies of representation, from the eighteenth century onwards, were the precise means through which the cartographic mind became the dominant mode of understanding the city. As movement in the city was increasingly dislocated from the body into technologies of transport, individual vision was no longer sufficient and therefore adopted the universal and absolute view from above – the one provided by the map and its by-products. The thesis thus proposes a history of orientation in the nineteenth and twentieth century, by looking at London and the parallel development of transport and the popularisation of orientation devices (maps, guides, signs and systems). It proposes that the instalment of the view from above is intimately related to the control of movement, and this is done through one and the same action: its arrest. Detention of movement is the central aspect of modern city control, and is therefore at the core of both power and knowledge. The thesis will therefore explore the relationship between rest (the designed state of the street – the urban territory as established by its plans), unrest (the unwanted potential state) and arrest (the tool through which the second is turned into the desired first).

Due to be completed in 2016

Ali Farzaneh

Computational Morphogenesis of City Tissues

Supervisors: George Jeronimidis, Michael Weinstock

The research is focused on computational morphogenesis, a process by which digital objects come into existence and develop their form. Digital information embedded into the model controls the phenotype of the digital object(s), similar to how a genome in living systems is responsible for the phenotype of the organism. It includes, but is not limited to, properties that define its physical proportions, such as area, height and orientation. As the object develops, these properties will get more and more complex by added features.

Due to be completed in 2016

Gabriel Felmer Plominsky

Adaptive Urban Social Housing : free-running prototypes for different climates of Chile

Supervisors: Simos Yannas, Paula Cadima

The central problem addressed by this project is the fuel poverty and poor environmental conditions

experienced by low-income groups in social housing around Santiago. The research investigates the parameters influencing the environmental performance of social housing schemes with the aim of developing low-cost designs for achieving thermal comfort through passive means without the need for any additional sources of energy. The final outcome of the project is to be a replicable housing prototype for different urban areas and climate regions of Chile.

Due to be completed in 2016

Serena Lehua Jarvis

Ecological Infrastructure: examining spatial strategies for integrated urban water systems

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

The main objective of this PhD project is to demonstrate that integrated urban water systems would significantly benefit urban ecology — the integration would improve infrastructure performance, respond to changing resource dynamics at multiple scales, and limit the energy intensity through implementing large-scale processes of phytoremediation. 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 interdependencies between water and energy systems, focusing specifically on the Lea River Valley.

Costandis Kizis

Post-war Modernism and the Question of “Greekness”

Supervisors: Marina Lathouri, 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. The thesis will hopefully contribute to the dissolution of myths and constructs in architectural historiography in Greece and add to recent international scholarship on critical issues of national identity and modernity.

Due to be completed in 2015

Mohammed Makki

Urban Adaptation Through Evolutionary Development

Supervisors: Michael Weinstock, Dr George Jeronimidis

In the context of urbanized population growth as well as the effects of climate change and diminishing natural resources, the methodology by which cities are designed in the next 30 years is crucial to the success of sustaining the growing population. This has triggered a reassessment of traditional urban design methods towards a more sustainable modus operandi for urban development. In recent years, an in-depth analysis of cities within a biological model of evolution aimed to provide an applicable methodology for cities that develop through adaptation rather than optimization. However, the computational application of an evolutionary model has been stagnant on primary Darwinian principles, whilst the field of evolution itself has significantly progressed. The research seeks to tackle the urbanization 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

Garden As Political Form - From Archetype To Project

Supervisors: Pier Vittorio Aureli, Mark Campbell

Garden as Political Form puts forward the project of garden as a legible articulation of the political. Upon such understanding, the thesis aims to produce design strategies that use this archetype to rethink the operability of housing in shaping subjective, thus political, Action. A priori, it does not imply that gardens have ever ceased to be political—as every space is essential and inevitably so. Rather such virtue has been sublimated since the 18th century, as this urban theme was used to support ideological identifications of

urban planning with “nature” and neoclassic economy. This has culminated into the current loss of intelligibility of architectural form. Inasmuch as today any generically greened space goes for a garden - especially to endorse the seemingly messianic “recuperation of nature within urban environment”. In response, this enquiry quests to put this history to crisis, in order to reclaim garden as an exemplary type of political space that may disclose a larger project of architecture.

Samaneh Moafi

Housing The Masses: Domestic Architecture, Governance And Conflict In Iran

Supervisors: Pier Vittorio Aureli, Adrian Lahoud

How can a project of housing structure a political consensus? To answer this question 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 program of 4 million housing units spread across the country. This thesis will examine both 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. Furthermore, the thesis will question the prospects of such project of housing in relation to shifting governmental conditions.

William Hutchins Orr

Prescriptive Practice: Histories And Theory Of Architecture

Supervisors: Marina Lathouri, Nina Power

This thesis develops a conception of politically conditioned architectural practice premised on Alain Badiou’s theory of subjectivity. Such a practice would draw 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 critique 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 if one hopes to produce a theory of practice than can overcome the stasis of a structuralist conception of architectural history and production. To perform this theoretical intervention, it will be necessary to first renegotiate the history/theory couple: defining the role theoretical concepts play in the production of historical periodisation.

Arturo Revilla

ProcessCity : Architecture and the Border Condition

Supervisors: 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. The border is where architecture intersects dilemmas of property, territory, mobility, connectivity and material exchange, but it is also the space of projection, convergence and delineation, a space of social and political identification. Rather than using design as a way to crystallize or conclude a consecutive line of arguments, this research uses design 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, Pier Vittorio Aureli

The western historiography of Soviet architecture focuses on the short period of its first two decades. The bulk of Soviet architectural production after the 1930s seems always to be understood in contrast to this avant-garde, giving birth to an air of mystique around Soviet architecture as a whole. This PhD project aims to address these questions at a historiographical level. While paying close 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*Archetypes a Project For The Brazilian City*

Supervisors: Dr Pier Vittorio Aureli, Dr Mark Campbell

The thesis investigates the notion of Archetype as conceptual device and methodological instrument to elaborate a project for the Brazilian city. Archeologically tracing in the history of Brazil the occurrence of specific Archetypes, exemplary architectural forms that materially mark paradigmatic shifts in the power relationships - 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 program, 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. Thus the vertical relationship between abstract ideas and concrete singularities, on which both the planning and the typological discourse are found, is turned into the horizontal tension where the conflicts and the struggles that constitute the city are not solved or deceived but exposed to reclaim the political dimension of urban life as space of continuous negotiation.

Ivonne Santoyo Orozco*The Architectural Construction of Conduct*

Supervisors: Mark Cousins, Pier Vittorio Aureli

The aim of this thesis is to reconsider the ways in which architecture has served the needs of various regimes of power. This is achieved by interrogating categories corresponding to different moments in history that have given themselves to deliberate forms of architectural expression, such as wealth, geometry, administration, standards and environment. In each case, this relation is analysed through a series of historical paradigms which mark the predominance of certain ethical relations vis-a-vis a specific figure of subjectivity. The task is to understand not only how spatial experiences have been conceptualised throughout history but, more importantly, to show how such categories have motivated specific forms of spatial orderings and architectural tropes, influencing and even prescribing a specific type of conduct whose political and economic underpinnings reveal architecture's role in forms of subjectification.

Due to be completed in 2016

Thiago Tavares Abranches de Soveral*Security and Architecture: Violence and the urban design in Rio de Janeiro*

Supervisors: Sam Jacoby, Jorge Fiori

It is possible to argue that security is a constant that is always present in architecture and the idea of the city. In Rio de Janeiro, architecture, topography, legislation and social conflicts have shaped an urban model in which fear and security are visible. This thesis investigates the consequences of violence on the morphologies and typologies found in Rio. It will identify and analyse the shifts in definition and perception of security and violence that have transformed the idea and form of the city over time.

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.

Due to be completed in 2015

Alexandra Vougia*Estrangement and the Metropolis: an enquiry into the discursiveness of modern form*

Supervisors: Marina Lathouri, David Cunningham

The thesis examines how the concept of *estrangement* was employed by architectural practice in order to disclose analogous social considerations and how these enforced certain types of architectural form, especially regarding architectural form as a constituent element of the extended urban territory. Particular architectural projects of the interwar period in Europe are analysed and their formal language interpreted. Along these lines the latter is determined as a narrative reaching beyond the language of architecture to the scale of the city. The dissertation presents the narrative of the modern metropolis and the ‘estranged’ human collective that inhabits it through a unitary conception of city and architecture, considering that the latter eventually constitutes a mechanism for the articulation of urban conditions and moreover a potential agent of political, social or cultural critique.

Due to be completed in 2015

Jingming Wu

The Invented Chinese Classical Garden

Supervisors: Mark Cousins, 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. However, why does the Chinese classical garden and not any the other type of antique architecture become the representative of Chinese architecture? This study investigates the conception of this phenomenon in the architectural history and theory writings of the twentieth century. A further aim is to consider 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

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.

Niloofer 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 Ardruga***'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 *semiographical* 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
Awarded 2006

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
Awarded 2005

Nuttinee Karnchanaporn

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

Supervisors: M. Lathouri / M. Cousins

Awarded 2005

Solange Goulart

Thermal Inertia & Night Ventilation

Supervisors: Simos Yannas & Peter Sharratt

Awarded 2005

Rosa Schiano-Phan

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

Supervisors: Simos Yannas & Brian Ford

Awarded 2005

Ines Weizman (Geisler)

The Disappearance of Everyday Life in East Germany Since Reunification.

Supervisors: Mark Cousins & Simos Yannas

Awarded 2005

2004**Jose Brandao**

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

Supervisors: J Fiori / H Hinsley

Awarded 2004

2003**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

Awarded 2003

Helena Massa,

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

Supervisors: Simos Yannas & Peter Sharratt

Awarded 2003

Ariadne Vozani

The Architectural Correspondence of Space and Speech in Tragedy

Supervisors: M. Cousins / OP Taplin

Awarded 2003

2002**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

PhD Awarded 2002

Guilherme Quintino,

Vernacular Architecture in South Western Portugal

Supervisors: Simos Yannas & Peter Sharratt

Awarded 2002

Benito Jimenez Alcalá,

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

Supervisors: Simos Yannas & Brian Ford

Awarded 2002

Andy Siswanto,

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

Supervisors: J Fiori / B Mumtaz

Awarded 2002

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

Awarded 2001

Gustavo Cantuaria,

Trees and Microclimatic Comfort

Supervisors: Simos Yannas & Brian Ford

Awarded 2001

2000**Paula San Payo Cadima,**

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

Supervisors: Simos Yannas & Brian Ford

Awarded 2000

Ada Gansach-Wilson

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

Supervisors: E Lebas / Hartman

Awarded 2000

1999

Ney de Brito Dantas,

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

Ian McBurnie,

The Periphery and the American Dream

Supervisors: H Hinsley/ J Fiori

Awarded 1999

Christine Ann Phillips,

Sustainable Place

Supervisors: Simos Yannas & Brian Ford

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

Supervisors: Simos Yannas & Brian Ford

Awarded 1999

Maria Theodorou,

The Experience of Space in Relation to Architecture in the Homeric Epics

Supervisors: M Cousins / P Hirst

Awarded 1998

1997

Heitor da Costa Silva,

Window Design for thermal Comfort in Domestic Buildings in Southern Brazil

Supervisors: Simos Yannas & Paul Ruyssevelt

Awarded 1997

1996

Mark Dorrian,

On the Irish Clashan Settlement Pattern

Supervisors: E Lebas / Buchanan

Awarded 1996

Arturo Almandoz Marte*European Urbanism in Caracas 1870s-1930s*

Supervisors: N Bullock / J Fiori

Awarded 1996

Khandaker Shabbir Ahmed*Approaches to Bioclimatic Urban Design for the Tropics with Special Reference to Dhaka Bangladesh*

Supervisors: Simos Yannas & Brian Ford

Awarded 1996

Young-Bum Reigh,*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

Awarded 1996

1995**Camilo Diaz,***Optimisation of Thermal Mass for Indoor Cooling*

Supervisors: Simo Yannas & Paul Ruyssevelt

Awarded 1995

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

1994**Jaime Goncalves de Almeida,***Public space, utilisation and environment: a study of large buildings in an educational establishment*

Supervisors: Simos Yannas & Nick Bullock

Awarded 1994

Fuad Hassan Mallick,*Thermal comfort for urban housing in Bangladesh*

Supervisors: Simos Yannas & Brian Ford

Awarded 1994

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 Ruysevelt

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 Ruysevelt

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

Supervisors: L Barth / J Fiori

Patrick Reis

Non-conventional housing finance in Ibadan, Nigeria

Supervisors: J Fiori / B Mumtaz

Awarded

Phillip Tabb,

Energy and Village Form

Supervisors: Simos Yannas & Dean Hawkes

Awarded 1990

Manuel Teixeira,

Housing in Oporto

Supervisors: N Bullock / M Sutcliffe

Awarded 1990

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

Awarded 2006

Efthimios Alexopoulos

Bioclimatic Design for Housing in Northern Greece

Supervisors: S. Yannas / B. Ford

Awarded

Abdul Baalbaki

Supervisors: E Lebas / S Damluji

Awarded

Saari Bin Omar

Supervisors: E Lebas / Burke

Awarded

Sunetha Dasappa

Supervisors: J Fiori / R Ramirez

Awarded

Miha Dobrin

Retrofitting of School Buildings in Slovenia

Supervisors: S. Yannas / B. Ford

Awarded

David Galor

The Impact of Geometric Parameters of Domestic Buildings in the UK on their Energy Requirements

Supervisors: S. Yannas / K McCartney

Awarded

Paula Goncalves

Supervisors: J Fiori / A Atkinson

Awarded

Susana Gonzalez

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

Supervisors: J Fiori / L Barth

Awarded

Mikaela Hughes

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

Supervisors: S. Yannas / B. Ford

Awarded

Evangelia Kalliyanni

Solar Building Applications in Crete

Supervisors: G. Foley / S. Yannas

Awarded

Devendran Kumaran

Passive Design for Housing in Fiji

Supervisors: S. Yannas / P Haves

Awarded

Sarah Morgan

Reopening the Community Envelope - or Sealing its Fate

Supervisors: J Fiori / N Hamdi

Awarded

Burke Moriarty

Supervisors: J Fiori / H Harms

Awarded

Elena Pascolo

Transactive Urbanism: Modes of Thinking Modes of Doing

Supervisors: L Barth / J Fiori

Awarded

Francisco Penagos

Passive Cooling Applications for Warm-Humid Climates of Colombia

Supervisors: S. Yannas / P Haves

Awarded

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

Awarded

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 **AA PhD DIRECTORS OF STUDIES & SUPERVISORS***PhD Directors of Studies***Dr Pier Vittorio Aureli**

Diploma School Unit Master; Director City-Architecture

Lawrence Barth

Senior Lecturer MA / MArch Housing & Urbanism

Mark Cousins

Director AA History & Theory Studies

Jorge Fiori

Director MA / MArch Housing & Urbanism; Chair GMC

Hugo Hinsley

Director MA / MArch Housing & Urbanism; Chair PhD Examination Panel

Dr George Jeronimidis

Director MSc / MArch Emergent Technologies and Design

Dr Marina Lathouri

Director MA History and Critical Thinking

Brett Steele

Founder MArch Architecture & Urbanism; Director AA School

Michael Weinstock

Director MSc / MArch Emergent Technologies and Design; Director AA Research & Development

Dr Simos Yannas

Director MSc / MArch Sustainable Environmental Design; Director PhD Programme.

*Second Supervisors***Dr Doreen Bernath**

Tutor AA History & Theory Studies

Dr Paula Cadima

Co-Director MSc / MArch Sustainable Environmental Design

Dr Mark Campbell

Tutor AA History & Theory Studies

Dr Sam Jacoby

Director MPhil in Architecture and Urban Design (Projective Cities)

Dr Douglas Spencer

Lecturer MA Landscape Urbanism & MA History and Critical Thinking

Thomas Weaver

Editor AA Publications

PIER VITTORIO AURELI

pv.aureli@dogma.name

Pier Vittorio Aureli is an architect and educator. His work focuses on the relationship between architectural form, political theory, and urban history. Together with Martino Tattara, he is the co-founder of Dogma. Since the beginning, Dogma has developed a specific interest in large-scale interventions and in urban research by participating in international competitions and by working with municipalities and other public parties. Aureli teaches at the Architectural Association where he is Diploma Unit Master, lecturer in the History & Theory Program and Director of the PhD Program by design. He has taught at the Berlage Institute in Rotterdam where he was PhD Supervisor and Coordinator of the “City as a Project” PhD Program, Columbia University in New York, TU Delft, Accademia di Architettura in Mendrisio, Switzerland, Barcelona Institute of Architecture. Aureli is the author of several books including *The Project of Autonomy: Politics and Architecture Within and Against Capitalism* (2008), and *The Possibility of an Absolute Architecture* (2011).

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 Accademy 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, Tokyo, 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

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 Mastrigli), 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: Moritz 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-February 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.

Supervised in-progress PhD theses:

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'

Supervised 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 - 07.2012 Lecturer in Architecture (full time 1.0FTE at Grade 7 £35,000)
University of Plymouth, School of Architecture
full time academic post in BA and Master programmes

- 10.2011 -
12.2011 ERASMUS research exchange in architecture and technology
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 by the end of 2013
- 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 *published* 'Architecture and Its Image - Eulogy in Three Parts' article published in Fulcrum: The AAs Weekly Free Sheet issue 46 (ed. Jack Self and Graham Baldwin), AA Press London
- 06.02.2012 *to be published* 'Curves in Design and Pictures - the Digital Longing for the Uncopyable' - paper presented in public lecture 6 Feb 2012 at Architectural Association, London
- 01.11.2011 *published* 'Rendering Differentials: Introjective Architecture in the Age of the Digital' - published in Architecture Journal of University of Costa Rica winter 2011
- 01.02.2010 *published* 'Dissecting and Scanning: Contrasting Two Modes of Revealing 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 *published* 'The Radical Reality-Effect'; Arcade Project Sacrifice Zone 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 *published* 'The Intrusive Rendering - Dictation of Stereotypes and the Extra-Ordinary'; Taiwan in Comparative Perspective Vol.1 Nov 07 (<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 *published* '921 Ji-ji Taiwan Earthquake'; scroope 12 - Cambridge 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 -
02.2004 Hahne + Mauz Architects, Munich, Germany
collaboration on Carl Maria von Weber Music School extension
competition, Dresden, Germany
- 10.1998 -
08.1999 Fraser Brown MacKenna Architects, London
IBM Hursley office fit-out, Peabody Trust Hackney Road
residences

PAULA CADIMA DiplArch AA PhD OASRS

Paula Cadima 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 Technical University of Lisbon, where she created and directed the master's course on Bioclimatic Architecture and taught at the Faculty of Architecture's diploma courses. Working for the European Commission in Brussels for five years before returning to London 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
- 1993-94 Environment & Energy Studies Programme, AA Graduate School
- 1994-00 PhD Environment & Energy Studies, AA Graduate School

PROFESSIONAL QUALIFICATIONS

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

TEACHING

- 2010- MSc/MArch Sustainable Environmental Design & PhD Programme, AA Graduate School
- 2002-05 Director, Master Course in Bioclimatic Architecture, Faculty of Architecture, UTL, Lisbon
- 2004-05 Diploma in Architecture & Territorial Planning, Faculty of Architecture, UTL, Lisbon
- 2001-05 Diploma in Interior Architecture, Faculty of Architecture, UTL, Lisbon
- 2001-05 Diploma in Architecture, Faculty of Architecture, Technical University of Lisbon
- 1994-98 MA Programme in 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 8 PhD in the UK and 2 PhD in Belgium and 5 MPhil and 5 PhD students in Portugal.

PROFESSIONAL PRACTICE

- 2003-05 URBAN DYNAMICS - Co-Founder and Director. Rehabilitation of mixed-used 18th century building in Lisbon, refurbishment of a country palace in Évora with passive cooling design strategies.
- 1989-90 TIRONENUNES Urbanismo. Passive solar design of a residential condominium, Sintra.

1989 SUA KAY Architects. Design of various office buildings, including UBS-Union Bank Switzerland, Headquarter of the Bank of Portugal in Lisbon, *Edifício Suécia* in Oeiras, Tourism Village *Dunas Douradas* in 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 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 and pedestrian ways and urban structures.

From 1985 until 2003 she also practiced in private on the design of various projects in Portugal, including 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 S333 Architecture+Urbanism, Sustainable Design Guidelines for Family Housing, London Borough of Hackney, UK

2002 UTOPOS, International Competition for the Elderly Centre in Oeiras, Portugal

2001 ACE-Engineers, International Competition for the School of Technology and Management, Polytechnic Institute in Beja, Portugal

2001 PAL, Headquarters, Technical Centre and Sports facilities, Portuguese Football Federation in Sintra, Portugal

2000 architects Jorge Estriga and Rita Amado, International Competition for the Art Crafts and Health Schools of the Polytechnic in Castelo Branco, Portugal

EUROPEAN PROJECTS MANAGEMENT

2009-10 European Research Council Executive Agency (ERCEA), European Commission, Brussels. Research Programme Management, ERC Advanced and Starting Grants.

2005-09 Executive Agency for Competitiveness and Innovation (EACI), European Commission, Brussels. Project Management, Energy Efficiency Unit, *Intelligent Energy Europe Programme*.

OTHER PROFESSIONAL ACTIVITIES

2014-15 Jury Member, *Liget Budapest* International Architectural Design Competitions for 5

new museum buildings in the City Park of Budapest, Hungary.

2011- President of PLEA (Passive Low Energy Architecture and Sustainable Urban Design)

2010-14 Technical Expert, European Commission, EACI (Eco-Innovation and Build-Up Skills), DG ENER (Smart Cities) and DG Research & Environment (Collaborative Projects - Energy Efficient Buildings)

2009 Chair, Environment & Sustainable Architecture working group, Architect's Council of Europe (ACE)

2005-10 Member, Directors Board, PLEA (Passive Low Energy Architecture and Sustainable Urban Design)

2004-11 Member, Directors Board, Association Francisco d'Ollanda – Projects & Research, FAUTL

2004-05 Technical Expert, European Commission, DG Research (Energy and Environment), DG Education & Culture (Erasmus Mundus) and DG TREN (Intelligent Energy-Europe).

2003-05 Member, Directors Board, “*Environment Nucleus*”, Order of Portuguese Architects

2002-05 Member, Commission for the Regulation of Energy Efficiency in Buildings, Ministry of Public Buildings, Transports and Habitation, (CSOPT), Lisbon

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).

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 Architect's Council of Europe and the European Concrete Platform

2005-08 *Climate and Urban Sustainability: comfort perception and climatic risks* (URBKIM), 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

2015 *Mais Conforto e Menos Energia na Renovação de Edifícios Habitacionais em Climas Mediterrânicos*, O Edifício Ambiental. Edited by Joana Gonçalves & Klaus Bode. 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 *Embedded Stone Wall Construction in Lisbon*. Proc. PLEA 2008 Conference, Dublin (with S. PELHAM).
- 2008 *Raising Energy Efficiency in Buildings through the Intelligent Energy Europe Programme*. Proc. International Passive House Conference, Nurnberg (with V. BERRUTTO and G. SUTHERLAND).
- 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 *Thermal Optimisation of the Vertical Opaque Envelope: Variable Insulation an Innovative Approach*", Proc. PLEA 2007 Conference, Singapore (with S. WEVER)..
- 2006 *Retrofitting of Social Housing: 12 innovative projects for an energy-intelligent Europe*", IEEA, 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).

MARK CAMPBELL PhD, MA, BArch (Hons), BA
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 Honorific Fellowship (2001-03)
- 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 Honors), 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 Geography

Academic Referees:

Professor Pier Vittorio Aureli, Architectural Association and Yale University
Professor Eduardo Cadava, Princeton University
Professor Beatriz Colomina, Princeton University
Professor Mark Cousins, Architectural Association and Southeast University
Professor Anthony Vidler, The Cooper Union and Brown University

Academic Positions:

- 2015-present Director, MPhil in Media Practices, Architectural Association, London
- 2013-present External Examiner, Department of Architecture, University of Cambridge;
Welsh School of Architecture, University of Cardiff
- 2010-2015 Director, Paradise Lost Research Cluster
Architectural Association, London.
- 2012-present Visiting Professor of Architecture, M.Arch Program
South-Eastern University, Najing, China.
- 2013-present Diploma Theses 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, Architectural Association, London.
- 2013-present MA Thesis Advisor, Projective Cities Programme
Architectural Association, London
- 2009-present Intermediate 1, 'Paradise Regained,' 'No Country,' 'Upstate,' 'The Passenger,'

- ‘A New Miracle in the Desert,’ ‘The Lost Highway,’ Undergraduate Unit Master, Architectural Association, London.
- 2012-13 ‘By Any Measure,’ Diploma Seminar
Faculty Member, Architectural Association, London.
- 2010-2 ‘This is Not my Beautiful House,’ Diploma Seminar,
Faculty Member, Architectural Association, London.
- 2008-9 ‘Don’t Look Now,’ Diploma Seminar,
Faculty Member, Architectural Association, London.
- 2006-8 ‘Modernist Narratives,’ ‘Dysfunctionalism in Twentieth-Century Architecture,’
M.A. Postgraduate seminars,
Faculty Member, Architectural Association, London.
- 2005-7 ‘The Architectural Dreamwork,’ Diploma Seminar,
Faculty Member, Architectural Association, London.
- 2001-3 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.
- 1998-2000 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

In addition, I have also 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 Academic Publications:

- 2016 *Paradise Lost* (AA Publications, spring 2016)
'The Overlook,' *The Building* (Lars Muller, fall 2016)
- 2015 'The Carpet Jungle,' *AA Files 71* (fall 2015)
- 2014 "Unreal Estates,' *Real Estates: Property and Ownership in Neoliberal Debt Economies* (Bedford Press, spring 2014)
'All Work and No Play,' *AArchitecture* (March 2014)
- 2013 *Guns, Household Objects, Road Trips, Cars, Bodies, Acts of Devotion & TVs* (Architectural Association)
'Blood Simple,' *AA Files 66* (Architectural Association)
'The Passenger,' *New Architecture* (China, 2013)
- 2012 'Choice by Design,' *POA 1-22* (Bedford Press)
'Gleaming Toys,' *VIA: Dirt* (MIT Press)
- 2011 'Going Back to Greenville,' *AA Files 62* (Architectural Association)
- 2009 'The Eye of the Beholder: Geoffrey Scott's View of History,' *AA Files 59* (Architectural Association)
'Soviet Space Power,' exhibition catalog, School of Architecture, Columbia University
- 2004 'Geoffrey Scott and the Dream-life of Architecture,' *Grey Room 15* (MIT Press)
- 2000 'The Carpet Jungle: The Perverse Materiality of Elvis Presley's 9" Shag Pile,' *The Pander 2* (Auckland University and RMIT)

Academic Editorial Positions:

- 2009-11 Book Editor, *Beyond Entropy* (AA Publications 2011) ,*Nine Problems in the Form of a Pavilion* (AA Publications 2009)
- 2004-6 Written Communications Coordinator, Foster and Partners, London. Responsible for all written forms from hallographic articles to Design, Urban Design, Product Design, and Sustainability Philosophies.
- 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. Responsible for the writing, editing, and publication of all scholarly material.

Architectural Practice:

- 2010-present Principal, Unreal Estates / Paperaeroplane Architecture. Solely responsible for a variety of projects including:
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

markcousins@aaschool.ac.uk

Director, AA History & Theory Studies

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

Director MA / March Housing and Urbanism; Chair AA Graduate Management Committee
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.

Latest 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.

HUGO HINSLEY MA Dip.Arch.

Co-Director of the Housing & Urbanism Programme; Member of the PhD Committee and the Graduate Management Committee.

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.*

GEORGE JERONIMIDIS

Director MSc / MArch Emergent Technologies and Design

Professor Jeronimidis has a doctorate in Physical Chemistry from the University of Rome. Current research interests cover the application to architecture of mechanics of wood and composite materials and structures, smart materials and structures, bio-inspired composite solutions, plant and animal biomechanics. He has published extensively in these fields contributing research papers in refereed journals, conference proceedings and book contributions. In 2010 he was granted the title of Emeritus Professor of Composite Materials Engineering at the University of Reading and appointed as Co-Director of the Emergent Technologies and Design Postgraduate Programme (Emtech) at the AA School of Architecture.

Educational Qualifications

1951-1955:	French Primary School, Rome, Italy
1955-1963:	Lyçée Français "Chateaubriand", Rome, Italy Qualification: Baccalauréat in Mathématiques Elémentaires
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: (1969)	Conformation of Amino-acid Residues at the end of Polypeptide Sequences in a Regular a-helical Conformation

Previous Academic Appointments

1970-1972:	Scientific Officer, Laboratorio su Tecnologia 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.
2011-2012:	Visiting Professor, BOKU, University of Vienna

Current Academic Activities

2010-Present:	Professor (Emeritus), Composite Materials Engineering, School of Construction Management and Engineering, University of Reading, Reading, UK
2009-Present	Co-Director, Emtech, 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

Professor Jeronimidis has a particular interest the design of composite fibrous structures in biology engineering and architecture to achieve high levels of functional integration. This has generated many collaborative research projects with partners in Europe and the USA, provided funding from various public and industrial sponsors. Professor Jeronimidis is author or co-author of 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 (see publications list attached).

Financial support for the research activities has come 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.

Professor Jeronimidis has been invited to join the International Scientific Committee of six successive Plant Biomechanics conferences between 1994 and 2012, delivered Keynote Lectures on composite mechanics, wood mechanics, biomechanics, biomimetics and architecture at many international conferences and has an entry in Who is Who in Computational Science and Engineering.

Professor Jeronimidis was a member the Institute of Materials and has been a serving member of the Smart Materials and Structures committee from 1994 to 2010. He has also served on the advisory board of *Science and Engineering of Composite Materials* and on the editorial board of *Biomimetics*. He is currently on the Editorial Board of the 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. Many of the research activities of Professor Jeronimidis have been reported in several press releases and articles: *The Economist* (July 1985), *The Guardian* (January 1986), *European Chemical News* (May 1986), *Daily Telegraph* (June 1987), *Metals and Materials* (1990), *Advanced Composite Materials & Engineering* (1993), *Times* (1997) and *Sunday Times* (1998), *Eureka Magazine* (2002, 2005), BBC Radio programmes and TV documentaries on Biomimetics.

Professor Jeronimidis has been an active member the Institute of Materials, Metals and Mining (IoM³) and a serving member of the Smart Materials and Structures committee between 1994 and 2010. He has also served on the advisory board of *Science and Engineering of Composite Materials* and on the editorial board of *Biomimetics*. He is currently on the Editorial Board of the new international journal *Virtual and Physical Prototyping, Biomimetics and Bioinspiration and Wood Science and Technology*. He is a regular referee for *J. Materials Science, Fibre Science and Technology, Composites, J. Strain Analysis (I.Mech. E.), Wood Science and Technology, Smart Materials and Structures* and several other international journals as well as regularly refereed Research Grant applications for EPSRC, BBSRC, DTI, the Australian and Canadian Science Research Council and the European Science Foundation.

In 2011 he was invited to lecture at the joint European Science Foundation and National Science Foundation (USA) workshop on "Nature-Inspired Science and Engineering for a Sustainable Future" in Istanbul. He also contributed to the preparation of the Science Policy Briefing document No 44: *Nature-inspired science and engineering for a sustainable future*, ESF, June 2012, ISBN: 978-2-918428-73-2. In 2012 he received an invitation from the French "Commissariat général au développement durable – Direction de la recherche et de l'innovation" to contribute a keynote lecture at a workshop in Paris in December 2012 on the potential of biomimetic approaches for sustainable technologies.

In addition to the above research information, Professor Jeronimidis has given many Keynote and Invited Lectures on his research interests at various international conferences in Europe, the USA, Japan and New Zealand and also been involved in the Scientific and Organizing Committees of several International Conferences.

International Research Activities:

2009-Present	President of BOKON International (from 2009), a European Network for the promotion of Biomimetics in relevant sectors (engineering, architecture, built environment, materials, sensors,...).
2005-Present	Follow of the International Academy of Wood Science and Chairman of the Academy Board of the IAWS (2010-2012).
2008-2012	UK Management Committee Member for EU COST Action FP0802.
2010-2014	UK Management Committee Member for EU COST Action MP1003.
2010-2014	UK Management Committee Member for EU COST Action FP0904.
2011-present	Member of the Editorial Board of the international journal <i>Biomimetics and Bioinspiration</i> .
2009-present	Member of the Editorial Board of the international journal <i>Wood Science and Technology</i> .
2005-2013	Member of the Scientific Advisory Board of the Max Planck Institute on Colloids and Interfaces, Golm, Germany.
Dec. 2013	Expert Assessor of EU FP7 Research Programmes <i>Plantoid</i> and <i>Pleased</i>
May 2014	Expert Assessor of the Collaborative Research Centre (TRR) 141 " <i>Biological Design and Integrative Structures. Analysis, Simulation and Implementation in Architecture</i> " funded by the DFG (German Federal Research Council).
May 2014	Expert Assessor for the joint MIT (USA) – Portugal research grant applications to the programme " <i>Introduction of advanced materials technologies into product development for the transport industries</i> " funded by the Portuguese Foundation for Science and Technology.

Invited Lectures

Institut d' Architecture Avançada de Catalunya, Barcelona, Public Lecture, 23rd October, 2013: *Bioinspiration for Architectural Design*.

5th International Conference on Mechanics of Biomaterials and Tissues approaches, Barcelona, 9th December, 2013: *Fibre architectures in plant systems: the key to smart solutions*.

Bartlett Institute, London, February, 2014: *Bio-inspiration for adaptive design solutions*

Publications 2009-2014

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 *Bionic Engineering*, **9**:484-493.
- 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, in press) The effect of angulation of the vibrating Floating Mass Transducer on stapes velocity. *Otology and Neurotology*.

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

SAM JACOBY AADipl Dr-Ing

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, the University of Nottingham and The Bartlett School of Architecture, University College London. His research, practice and supervision is focused on design research linking architecture, urban design and planning.

EDUCATION

Doktor der Ingenieurwissenschaften, Technische Universität Berlin
 Postgraduate Certificate in Professional Practice in Architecture, University of Westminster
 AA Diploma, Architectural Association School of Architecture

TEACHING

2009–present, Director of MPhil in Architecture and Urban Design (Projective Cities), AA
2009–present, Teaching Fellow in MArch Urban Design programme, The Bartlett, UCL
2015 –present, Director of China (Wuhan) Visiting School, AA
2014–15, Director of Cologne (Ungers Archive) Visiting School, AA
2004–11, Director of Spring Semester Programme, AA
2009–10, Lecturer, History & Theory Studies (Diploma School), AA
2007–09, Unit Leader, University of Nottingham
2004–09, Unit Master (Diploma Unit 6), AA
2002–04, Studio Tutor (Intermediate Unit 2), AA

SELECTED PUBLICATIONS

Jacoby, Sam, *Drawing Architecture and the Urban* (London: Wiley, forthcoming)
 Jacoby, Sam, ed., '**AA Projective Cities: New Design Research in Architecture and Urban Design**', *Urban Flux – Special Issue* (forthcoming)
 Jacoby, Sam, '**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
 Jacoby, Sam, and Christopher Lee, eds., '**Typological Urbanism: Projective Cities**', *Architectural Design*, 81.1 (Jan/Feb 2011) – *Special Issue on Urbanism*
 Lee Christopher, and Sam Jacoby, eds., *Typological Formations: Renewable Building Types and the City* (London: AA Publications, 2007)

MARINA LATHOURI

Architect, M.Arch (Hon.), MPhil, PhD

Director MA History and Critical Thinking in Architecture; PhD Committee and AA Academic Board

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

Arch (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, 2014-15)

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

Lathouri's research interests lie in the conjunction of architecture, history and political philosophy. Most recently, she co-authored the book *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 and conceptual assumptions of the architectural and urban project with visual and design practices. Writing, in particular, is being argued as a catalyst since the inception of the discipline for the demarcation of architecture as distinct form of knowledge and set of professional conventions, which can reopen debates that have greater ramifications for the history of architecture itself and the ways in which architecture, always 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, 2015

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

Forthcoming "Homo Ludens: experiential narratives of the post-war city", in: *Memory narrates the city: oral testimonies for the past and the present of urban space*, Athens 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

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 CLAM 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 of the 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 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 Católica de Chile.

DOUGLAS CUNNINGHAM SPENCER BA MA PhD

Lecturer, MA Landscape Urbanism; Lecturer, MA History and Critical Thinking

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 date Co-director, 'Urban Prototypes' Research Cluster, Architectural Association

2011 to date Graduate School of the: Lecturer, MA Historical and Critical Thinking

2008 to date Graduate School of the Architectural Association: Lecturer, MA Landscape Urbanism

2008 to date University of Westminster: Senior Lecturer In Architecture: History and Theory

2007 to date 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**

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

Landscape and Agency: Critical Perspectives, editor, with Tim Waterman and Ed Wall, Routledge, London and New York, (in preparation, due 2016)

The Architecture of Neoliberalism, London, Bloomsbury (in preparation, due 2016)

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

'Environments of Distributed Labour' in *NETworks: An Atlas of Connective and Distributive Intelligence in Architecture*, AA Publications, 2013 (forthcoming)

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

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

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.

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.

CONFERENCES ORGANISED

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

BRETT STEELE

AA Dipl, Hon FRIBA, FRSA

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 Amunátegui & 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

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 Jumble’, 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 vernetzen 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 Beaucueil, *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– *Architectural Association, London*
 Course tutor, MA History and Critical Thinking; PhD supervisor; studio juror

Spring 2012 *Berlage Institute, Rotterdam*
 Writing workshops for Pier Vittorio Aureli's PhD programme

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

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– *Architectural Association, London*
Editor *AA Files*, 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– *Royal College of Art, London*
External validator and guest tutor, Critical Writing in Art and Design MA, and general PhD Supervisor
- 2004–07 *Foster and Partners, London*
Assistant editor, *Norman Foster: Works*, volumes 2, 3, 5, and 6 (London: Prestel, 2005–); *Norman Foster: Catalogue* (London: Prestel, 2005); *Norman Foster: Reflections* (London: Prestel, 2006); *Foster 40* (London: Prestel, 2007); *Wembley: National Icon* (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

Founder and a Director of MSc / MArch Emergent Technologies and Design; Director AA Research & Development

Michael Weinstock is an Architect, and a Fellow of the Royal Society of Arts. He is the Founder and a Director of the Emergent Technologies and Design programme in the Graduate School of the Architectural Association. Studied Architecture at the Architectural Association 1982/88 and has taught at the AA School of Architecture since 1989 in a range of positions from workshop tutor through to Academic Head. Over the last decade his published work has arisen from research into the dynamics, forms and energy transactions of natural systems, and the application of the mathematics and processes of emergence to cities, to groups of buildings within cities and to individual buildings. 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 these topics at many other schools of Architecture in Europe, including Universities of Delft (TU), Rome (Roma Tre), Barcelona (Esarq, Elisava, Pompeu Fabra and IAAC), Vienna and Stuttgart; and in the United States at Berkeley, USC, Yale, Harvard and Rice, and at Calgary in Canada and Tokyo in Japan.

Current Research Activities

THE EVOLUTION OF SENTIENT CITIES- A long term interdisciplinary research agenda focused on the development of 'metabolic' and intelligent urban infrastructures that interconnect buildings, cities and conurbations with a special focus on the evolution of adaptive and responsive systems of existing cities and on developing new paradigms for sentient cities in extreme climates and ecological contexts. To be published as "The Architecture of Intelligence: The Evolution of Sentience and the City", Wiley Academy.

DESIGN THROUGH PRODUCTION, RIBA Commission, to be delivered as Lectures in 10 UK schools of architecture.

THE CITY AND QUALITY OF LIFE – Urban Systems Collaborative

Other current/recent Academic Activities

2012 - to date. Honorary Chief Academic Adviser, International Research Centre of Computational Design, Tsinghua University Beijing/The University of Hong Kong

2009 - to date. Director of Research and Development, Architectural Association.

2007 - to date. Editorial Board Member, Wiley Architectural Design Magazine.

PUBLICATIONS and Keynote Lectures

2013 (Magazine) "SYSTEM CITY; INFRASTRUCTURE AND THE SPACE OF FLOWS", Editor and Author, Architectural Design, Wiley. www.system-city.com

New ways of thinking about the city and new methods of design and making it are once again emerging, engaging both the means and the imagination of our culture. System Cities brings together scientists, architects and engineers from disparate fields whose work and thoughts converge on contributing to the societal endeavour of building the 'future city'.

A radical shift is taking place in the way that society is thinking about cities, a change from the machine metaphors of the 20th century to mathematical models of the processes of biological and natural systems. From this new perspective, cities are regarded not simply as spatially extended material artefacts, but as complex systems that are analogous to living organisms, exhibiting many of the same characteristics. There is an emerging view that the design of the thousands of new cities needed for an expanding world population are to be founded on intelligent and inhabited infrastructural systems or 'flow architectures' of urban metabolisms. The physical arrays of the flow architecture of the city are intimately connected to the networks of subsidiary systems

that collect and distribute energy, materials and information. They animate the city, and should therefore be intimately coupled to the spatial and cultural patterns of life in the city, to the public spaces through which people flow, and should unite rather than divide urban morphological and ecological systems.

2013 (article) "INTELLIGENT CITIES AND THE TAXONOMY OF COGNITIVE SCALES, AD System City

Michael Weinstock, with Mehran Gharleghi, -The article explores the possibilities of cognitive complexity in urbanism emerging out of the interaction of sensory processing and behavioural responses to the world. Within the context of large Infrastructural systems, what might, for instance, rapidly developing machine consciousness have in common with human intelligence? What could be the preliminary conceptual schema be for an intelligent city that is sufficiently self-aware to synchronise its systems with climatic and ecological phenomena at regional and local scales?

2013 (article) "THE EVOLUTIONARY DYNAMICS OF SENTIENCE IN CITIES"

Cities, and their component buildings and infrastructural systems, have developed rapidly in responsive and adaptive capacities. The evolution of systems that contribute to 'Sentience' is the primary driver of innovation in the urban environment; as the extended 'nervous system' of a city develops the potential to sense changes in the city's flows, and in its internal and external environments.

2013 " Computation and Architecture, Systems and the City", Keynote Lecture Tsinghua University, Beijing, China

2013 "System City – Infrastructure and the Space of Flows" - Keynote Lecture, National Technical University of Athens, Greece

2012 "Systems and the City", Keynote Lecture, Yapı-Endüstri Merkezi, Istanbul, Turkey

2012 "Computational Systems and the City" Keynote Lecture and workshop, Tallin, Estonia

2012 "Architecture of Emergence", Keynote Lecture and workshop, Elisava, Barcelona, Spain

2012 William Lyon Somerville Lecturer at University of Calgary, Canada (previous recipients include Peter Eisenman, Alejandro Zaero-Polo, Cedric Price, and Koen van Velsen). Design charette on integrative urban infrastructural and ecological system, with seminar series and public lectures.

2010/2011 Biodynamic Structures –San Francisco AA Visiting School in collaboration with SOM, CCA and UC Berkeley faculty.

2011 Keynote Lecture – ALGODE – International Symposium for Algorithmic Design, Tokyo, Japan- organised by Architectural Institute of Japan
"Metabolism, Ecology and Morphology of Cities – Algorithms for Design."

2011 Visiting Lecturer - Institute for Advanced Architecture of Catalonia, Barcelona (previous Lecturers include Hanif Kara, Toyo Ito, Ben Van Berkel, and Mark Wigley). Design seminars and public lecture on Advanced Digital Fabrication of Active Material Systems (pavilion scale), Evolution and Computation, and the Metabolism of the City - the architecture of flows.

2011 (article) "THE ARCHITECTURE OF FLOWS - integrated infrastructures and the 'metasystem' of urban metabolism", Keynote Lecture at Acadia 2011 and Article published in the Proceedings.

2011 (article) "ECOLOGY AND MATERIAL CULTURE", in 'Systemic Architecture: -operating manual for the self organizing city', Marco Poletto ,Claudia Pasquero Routledge 2012

2011 (article) 'MATERIAL, FORM AND FORCE' (with Toni Kotnik), in "Material Computation: Higher Integration in Morphogenetic Design, ed. Achim Menges, Architectural Design, Wiley 2012

2011 (article) 'THE METABOLISM OF THE CITY: THE MATHEMATICS OF NETWORKS AND URBAN SURFACES', in "Mathematics of Space", ed G.Legendre , Architectural Design, Wiley, London

2010 (Book) "THE ARCHITECTURE OF EMERGENCE - the Evolution of Form in Nature and Civilisation" - Wiley, London. The book challenges established cultural and architectural histories by placing human development alongside ecological development. The history of cultural evolution and the production of cities are set in the context of the complex systems of the natural world. The dynamics of individual and collective metabolisms from which intelligence, social and spatial order emerge are related to the emergence of cities. The episodic and irregular expansions, consolidation, collapse and subsequent reorganisation of Cities and systems of cities is traced. The thresholds of critical stability in the natural and cultural systems of the world are defined, and the systemic changes that will cascade through all systems are outlined, and the likely outcomes from which new forms will emerge are delineated.

2010 (Book) "EMERGENT TECHNOLOGIES AND DESIGN - towards a biological paradigm for architecture". Routledge, London. (with Hensel and Menges) - Author of: -"EVOLUTION AND COMPUTATION", Computational processes derived from 'Evo-Devo' , combined processes of embryological growth and evolutionary development of the species.

2009 "CULTURAL EVOLUTION AND THE METABOLISM OF CITIES" - Keynote Lecture at the International Symposium 'From Insect Nests to Human Architecture', European Centre for Living Technology, Venice - and Article published in the Proceedings.

2008 "NATURE AND THE CULTURAL EVOLUTION OF ARCHITECTURAL FORMS", Keynote Lecture at Acadia 2008 'Silicon + Skin- Biological Processes and Computation' and Article published in Acadia 08 Proceedings.

2008 (Article) 'METABOLISM AND MORPHOLOGY' in 'Versatility and Vicissitude: Performance in Morpho-Ecological Design' AD Wiley, London, presents an account of the thermodynamics of mammalian, marine and plant metabolisms and their relations to morphology and scale, to behaviour and to the environment- A new model of Metabolism for buildings and cities is set out

2008 '(Article) MUTATIONS, MORPHOGENESIS AND MONSTERS' Perspecta 40, Yale University Press - article exploring the role that mutation and speciation plays in Natural Systems and Ecologies.

2006 (Chapter) 'DIFFERENTIATION AND HIERACHY IN NATURAL SYSTEMS' in 'MORPHO-ECOLOGIES' AA Publications - explores hierachical organisation, morphological differentiation, energy and metabolism in natural ecologies, and design strategies and processes in Architecture.

2006 (Magazine Ed.)"TECHNIQUES AND TECHNOLOGIES IN MORPHOGENETIC DESIGN' AD Wiley, London, (with Hensel and Menges) and Author of articles: -"SELF-ORGANISATION AND THE STRUCTURAL DYNAMICS OF PLANTS", -"SELF ORGANISATION AND MATERIAL CONSTRUCTIONS" and "ADVANCED SIMULATION IN DESIGN"

2005 'EMERGENCE AND NATURAL SYSTEMS' Keynote Speaker for New York Center for Architecture SOM/AIA Building Science and Design Research Symposium 05.

2004 (Magazine Ed.)' EMERGENCE – MORPHOGENETIC DESIGN STRATEGIES' AD Wiley. Magazine issue GUEST EDITOR (with Hensel and Menges) - and Author of

2004 (article) MORPHOGENESIS AND THE MATHEMATICS OF EMERGENCE" , AD Wiley

SIMOS YANNAS DiplArchEng AAGradDipl(Hons) PhD

Director AA MSc / MArch Sustainable Environmental Design (SED); Chair AA PhD Committee

simos@aaschool.ac.uk

Simos Yannas has led environmental design research and teaching at the AA since the late 1970's. He has collaborated on many international projects and his writings have been published in 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 PLEA and the recipient of the PLEA Achievement Award in 2001.

EDUCATION

- 1970 Diploma Architect-Engineer, Department of Architecture, National Technical University Athens
- 1975 Post-graduate Diploma (Honours) Environment & Energy Studies, AA School, London
- 2000 PhD, Open University Research School.

TEACHING

- 1976- Lecturer, Architectural Association Graduate School, London.
- 1980- Director, Environment & Energy Studies Programme, AA Graduate School, London.
- 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,
- 2008-10 Sir Isaac Newton Design Fellow in Architecture, University of Cambridge

Has also lectured at:

Aarhus School of Architecture (2014); University of Madrid (2013); University of Navarra (2012); University of Pennsylvania (2012); Université Catholique de Louvain, Belgium (frequently, latest 2012); ETH Zurich (2011); British University in Dubai (2011); University of Cambridge (1992, 1995, 2008-10); Universidad Internacional de Andalucía (2009, 2010); Federal University of Sao Paulo (2006); American University of Sharjah (2006-07); Kuwait University (2006); University of Nottingham (2006); Technical University of Crete (2006); Aristotle University of Thessaloniki (2006); Technical University Lisbon (2005); Middle East Technical University, Ankara (2003, 2005); CUEPE, Université de Geneve (1981, 1990, 1999, 2003); Technical University Berlin (1990, 2001, 2002); Universidade Federal do Rio de Janeiro, Brazil (1991, 1995, 1996, 2000-01); University of Dortmund (2001); National Technical University of Athens (2000, 2001); University of Patras (2000); École d'Architecture de Toulouse (2000,2008); University of Buenos Aires (1997); Technical University Budapest (1992, 1993, 1997); Universidade Federal Santa Catarina (1996); Pontificia Universidad Catolica de Chile, Santiago (1996); Development Planning Unit, University College London (1994); Georgia Institute of Technology, Atlanta, USA (1994); University of Ljubljana (1992, 1993, 1994); University of Seville, Spain (1992); School of Architecture, Rabat, Morocco (1992); Lawrence Berkeley Laboratory, USA (1990); Bangladesh University of Engineering and Technology, Dhaka (1990); Politecnico di Milano, Italy (1986); University of Zulia, Maracaibo, Venezuela (1986).

OTHER ACADEMIC ACTIVITIES

- 2009-13 External Examiner, MSc Environmental Design of Buildings, Welsh School of Architecture
- 2009-13 External Examiner, MSc Sustainable Design in the Built Environment, British University in Dubai.
- 2008-15 Member of Professorial Appointments for Hellenic Quality Assurance Agency for Higher Education.
- 2005-09 External Examiner, MSc Environmental Design & Engineering, Bartlett School, University of London.
- 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.
- 1998-01 External Examiner, MSc Advanced Environmental & Energy Studies, Univ. of East London.
- 1998-01 Contributor, Hellenic Open University Masters Programme in Environmental Design.
- 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, Aristotle University of Thessaloniki and others.
- 1980- First supervisor to 30 successfully completed PhD research projects and over 300 Masters (MA, MSc, MArch and MPhil) projects.
- 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. Internal Examiner PhD at Architectural Association Graduate School.

RESEARCH & TECHNICAL STUDIES

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

- 2015-16 *Handbook of Sustainable Housing Design*. RIBA Research Award.
- 2009-12 *Environmental Design in University Curricula and Architectural Training in Europe*. Collaborative project funded under European Commission Intelligent Energy Europe.
- 2006-08 *Reconceiving the Architecture of the Gulf Region*. In collaboration with Harvard University Centre for Middle East Studies and Schools of Architecture and Engineering in Kuwait, Abu Dhabi and Sharjah.
- 2001- *Refurbishing the City - Urban Living Environments - Magical Skin - Performative Space - Adaptive Skins & Microclimates - Generative Skin - Learning Environments - Dynamic Structures*. A continuing series of research agendas pursued as part of the taught Masters Programme in Sustainable Environmental Design.
- 2002 *Environmental Performance of Buildings: a comparative study of building materials and construction techniques in Turkey*. Collaboration with Middle East Technical University, Ankara under British Council Britain-Turkey Science Partnership Project.
- 2001-03 *Environmental Implications of Tall Buildings*. Studies commissioned by DEGW for London and Dublin.
- 2000-04 *Roof Cooling Techniques*. In collaboration with Laboratory of Thermodynamics at School of Engineering, University of Seville, Spain and Centre for Desert Architecture and Planning and support under European Commission Altener Programme.
- 2000-01 *Environmental Sustainability of New Housing Developments*. Consultancy for WSP Environmental, London.
- 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.
- 1998-00 *Towards More Sustainable Cities in the Tropics*. In collaboration with Faculty of Architecture and Planning, Universidade Federal do Rio de Janeiro and support from the British Council and the Brazilian Research Councils CAPES and CNPq.
- 1997- *Sustainable Urban Design*. A series of investigations as part of annual projects for the

- MA Programme at the scale of the urban square and urban block in different European cities. Projects so far have looked at sites in Viareggio, Athens, Berlin, Lisbon and London.
- 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 focusing on issues of thermal comfort and passive heating and cooling of buildings in relation to Latin American contexts and climatic zones.
- 1995-98 *Multimedia in Environmental Education*. European Commission TEMPUS Joint European Project in collaboration with Technical University of Budapest, Hungary.
- 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.
- 1993-96 *Joint European Network*. EC TEMPUS Programme. Second stage (see also below) collaboration with Technical University of Budapest and University of Ljubljana.
- 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 material for architects and engineers covering different topics of interest 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. First stage focused on sustainable design of housing in Dhaka. Second stage looked at urban microclimatic design and thermal comfort in outdoor spaces.
- 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.
- 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.

1974-75 *Energy Policy Issues*. Postgraduate Dissertation. 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. Heliotropic bench 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 5-10 May. *Prototypical Investigation in Ghana*. AA School, London. Exhibition of school shelter built January 2003 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, France.
 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 PROFESSIONAL ACTIVITIES

- 2014 Member Technical Committee PLEA 2014 International Conferences
 2013 Member Technical Committees SB 13 and PLEA 2013 International Conferences
 2011 Member, Jury Architectural Competition, AGC Headquarters, Belgium.
 2011 Member Technical Committees SB 11 and PLEA 2011 International Conferences
 2005 Technical Assessor, Ashden Awards on Energy Efficiency in Buildings.
 2004- Technical Expert on European Commission Intelligent Energy-Europe Programme.
 2003- Member, International Union of Architects Working Group on Architecture and Renewable Energy Sources, UIA-ARES.
 1999 Research Assessor for UK Engineering and Physical Sciences Research Council
 1999- Reviewer for Architectural Press, Bloomsbury Publishing, Building Research & Information, Built Environment Journal, Earthscan, Energy Research and Social Science Journal, Solar Energy Journal and other publications.
 1999 Research Assessor for Fondacyt Research Council, Chile.
 1996- Editorial Board, *PLEA Notes*, a research / educational series of publications produced by PLEA (Passive and Low Energy Architecture) International.
 1995-99 Member of Club Cli, an ad hoc working group on topics of sustainable design.
 1995 Member Jury Architectural Competition *Sustainable Housing for the Poor*, Gramado, Brasil.
 1994 Member Scientific Committee, *Energy Performance and Indoor Climate in Buildings*, International Conference, Lyon, France.
 1994 Member Jury Competition, *Alternative Human Settlement Planning and Design*. United Nations Economic and Social Commission for Western Asia, Amman, Jordan.
 1994 Member Competition Jury, International Conference on *Architecture of the Extremes*, Dead Sea.
 1993 Member Scientific Committee & Competition Jury, ISES Solar World Congress 1993, Budapest.
 1991 Member Jury Architectural Competition Design of Renewable Energy Research

- Centre, Seville.
- 1989-90 Editor, Newsletter, Working Group on Architecture, International Solar Energy Society.
- 1988 Member Jury Architectural Competition Bioclimatic Housing Design in the North of Portugal
- 1983-87 Research Assessor for Ministry of Industry, Energy and Technology, Athens.
- 1983- Member of Scientific & Technical Committees of PLEA International Conferences.
- 1982- Invited to join PLEA (Passive and Low Energy Architecture) international network; member of coordinating committee 1988, director 1991-96, permanent secretary 1997-.
- 1970-73 Associate Architect. Residential and Commercial Projects. Kritikos & Associates, Athens.
- 1970 Registered Architect-Engineer NTUA, Technical Chamber of Greece.

PUBLICATIONS

Books - Book Chapters - Editor Proceedings & Journals

- 2015 *Pesquisa Arquitetônica para o projeto Ambientalmente Sustentável*. In Goncalves J.S. and K. Bode (Eds) *Edificio Ambiental*. Oficina de Textos, Sao Paulo.
- 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.
- 2009 (with O.D. Corbella) *Em Busca de Uma Arquitetura Sustentável para os Trópicos*. Editora REVAN, Rio de Janeiro. 2nd Edition.
- 2006 (with E. Erell and J.L. Molina). *Roof Cooling Techniques: a design handbook*. Earthscan / James & James, London / New York.
- 2005 *Technology Performance Innovation*. Proc. of Symposium held 11 March 2005, Architectural Association School of Architecture, London.
- 2001 (Co-editor with A. Krishan, N.V. Baker, S.V. Szokolay) *Climate Responsive Architecture: a design handbook*. Tata McGraw Hill, New Delhi (400 pages).
- 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 Αξιολόγησης*). Chapter 4, Vol A, *Bioclimatic Design of Buildings*, pp 305-332, Hellenic Open University, Patras
- 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.
- 1998 (co-editor with E.Maldonado). *Environmentally-Friendly Cities*. James & James (Science) Publishers.
- 1998 *Calefacción Solar Pasiva y Control de Perdidas de Calor*. In Rosales, L. (ed) *Energia y Habitat*. EC Alfa Built, FAU Universidad Central de Venezuela, Caracas.
- 1994 *Solar Energy and Housing Design. Volume 1: Principles, Objectives, Guidelines (145 pages). Volume 2: Built Examples (127 pages)*. Architectural Association Publications, London on behalf of UK Department of Trade & Industry.
- 1994 *Design of Educational Buildings. Book 1 Primer (95 pages). Book 2 Examples (89 pages)*. 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.
- 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).
- 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 (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.
- 1984 (with A. Bowen). *Passive and Low Energy Ecotechniques for Housing*. 3 volumes (English and Spanish text). Pergamon Press, Oxford.
- 1983 *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).

Journal & Conference Papers

- 2016 (forthcoming) with A. Chatzidimitriou. *Microclimate Design for Open Spaces : Ranking the effects of urban design parameters on pedestrian thermal comfort in summer*. *Architectural Science Review*.
- 2016 (forthcoming) with A. Chatzidimitriou. *Microclimate Development in Urban Open Spaces: the influence of form and materials*. *Energy and Buildings Journal*, Elsevier.
- 2015 (with L. Tsihritzis). *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.
- 2013 *Adaptive Architecturing- a learning process*. Proc. of PLEA 2013 Conference, Munich.
- 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.
- 2008 *Reconceiving the Built Environments of the Gulf Region: Challenging the Supremacy of Airconditioning*. A2 Magazine, Issue #7, pp42-65.
- 2007 *Dynamic Structures*. Proc. PALENC Conference. (Best Paper Award).
- 2006 *Learning Environment*. Proc. PLEA 2006 Conference.
- 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 de Chile.
- 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.
- 2003 *Die Umwelt in eine architektonische Gestalt bringen: sieben allgemeine probleme*. Gesundheits Ingenieur, 124 Heft 5, 211-212.
- 2002 How do I know if it is what they say it is ? Journal of Architects, Thessaloniki, Issue 6.
- 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 Review, AA Files 44, pp 81-5, Architectural Association, London.
- 2001 *Toward More Sustainable Cities. Solar Energy*, Vol. 70 No. 3 pp281-294, Elsevier Science Ltd.
- 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, National Technical University of 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, London.
- 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 Building and Urban Renewal. Catholic University of 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.
- 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 *Climate-Responsive Design for Educational Buildings*. In *Bioclimatic Architecture and Planning*, Proc. 8th International PLEA Conference, Technical University of Nova Scotia, Halifax.
- 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.
- 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.
- 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.
- 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.