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Cover image: Olivia Marra  Garden as Political Form  PhD in Architectural Design

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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 research encompasses architectural theory and history, architectural urbanism, advanced architectural design, city architecture, emergent technologies and sustainable environmental design in architecture. Architectural history and theory topics are directed by Mark Cousins and Marina Lathouri. Research on urban and housing issues addressing policy, strategic thinking and spatial design is supported by Lawrence Barth, Jorge Fiori and Hugo Hinsley. Research in emergent technologies in architectural design, including active material systems and urban metabolic design is directed by Michael Weinstock and George Jeronimidis. Research on sustainable environmental design in architecture and urbanism is directed by Simos Yannas and Paula Cadima. ‘City-Architecture’, a collective design research agenda, is directed by Pier Vittorio Aureli and Maria Giudici. PhD candidates in any of these areas may follow either the traditional route of the written dissertation or combine writing with design research for the studio-based PhD in architectural design.

PhD studies at the AA are full-time for their entire duration. This starts with a preparatory period during which candidates attend selected courses and seminars while developing their research proposals. Approval of proposals initiates the formal period of PhD study, which has a maximum duration of four years. Typically, some 30 doctoral candidates are enrolled in the programme on any particular year. Each PhD candidate is guided by two supervisors, one of whom is designated as Director of Studies. Details of current research topics and bios of PhD candidates and supervisors can be viewed online at phd.aachool.ac.uk.

Applications are welcome from graduates in architecture and related disciplines. Applicants should hold a Masters degree or equivalent qualification or professional experience in the areas of their proposed research project. Enquiries should be addressed to the AA Admissions Office or the Chair of the PhD Committee. Applicants should be prepared to come to the School for an interview. Tuition fee bursaries are available for highly qualified applicants. Opportunities for teaching may be available to eligible PhD candidates following registration of their research proposals. During their studies at the AA, PhD students are expected to produce work worthy of publication at conferences and other scholarly events. Travel bursaries are available to registered PhD students presenting work at external events.

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

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 process, from application to completion, discusses the programme’s academic and administrative structure and its resources, regular events and links with the OU and external research networks. Appendix 1 lists all completed and continuing PhD and MPhil research projects undertaken at the AA School. Appendix 2 has short biographical notes 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 account of going through a PhD or MPhil at the AA School under the AA / OU partnership. This is referenced to subsequent sections of this Guide where more information is given.

Stage 1: Admission to PhD Programme
1. Applications are submitted online to the Graduate School Admissions Coordinator (see section 3.1 in Programme Structure & Organisation)
2. Applications are reviewed by the PhD Committee (see 3.2)
3. Applicants are invited to an interview in person or by Skype; successful applicants are offered a place and assigned a Director of Studies (see 3.5)

Stage 2: First Year
4. New students register during AA Introduction week. Returning PhD students register on the first week of the academic year.
5. Induction activities take place during Introduction week and on the first week of the academic year. (see 4.5)
6. New research students meet with their assigned director of studies and plan for the year ahead (see 3.5). As part of the preparatory period they are expected to attend selected taught courses and seminars related to their research area. These form part of the research training that is agreed with supervisors as supporting the formulation and implementation of candidates’ PhD research proposals (see 4.6-4.7). A second supervisor is appointed at this stage (see 3.5).
7. A review paper on the state-of-the-art in the area of the proposed research leading to the candidates’ research proposal is due by the end of Term 1 (see 3.6). Applicants for the PhD in Architectural Design are expected to outline the design content of their proposals (see 3.7).
8. New research proposals are submitted for OU registration by the end of candidates’ first term at the AA School (see 3.9).
9. Following OU registration, candidates commence their formal period on the research degree. Registered students have access to OU Library and Virtual Research Environment (see 4.4).
10. Each registered research student is assigned one of the PhD Programme’s senior staff as third party monitor to advise impartially on pastoral matters, potential student / supervisor conflicts or problems with the research process (see 3.5).
11. Research students maintain registration with the AA and OU till completion.
12. A log is kept of supervision meetings, skills development and personal progress; this is reviewed regularly with supervisors.

Stage 3: Middle Year(s)
13. AA and OU registration renewed annually.
14. The probation period is concluded toward the end of the first year of OU registration by the submission of a research report and an oral presentation assessed by two internal assessors (see 3.11). Successful completion of the probation period confirms candidates’ registration for the PhD.
15. On subsequent years progress is assessed by submission of detailed annual reports prepared by candidates jointly with their supervisors (see 3.12).
16. Study trips to undertake fieldwork or attend external events can be scheduled from the second year of study.
17. Third party monitoring is available to research students at all times (see 3.5).
Stage 4: Final Year

18. Much of the final year is devoted to the writing, reviewing and editing of the dissertation.
19. 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.
20. 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 of the candidate’s supervisors may attend the oral examination as Observer.
21. Final submission of the Dissertation is to the AA Graduate School Administrative Coordinator (see 3.13).

Stage 5: Examination

22. Copies of the Dissertation are sent by the AA Graduate School Administrative Coordinator to each Examiner well ahead of the examination date. Examiners will first assess the dissertation separately and prepare individual preliminary reports.
23. Candidates are briefed on the Examination by their supervisors. There is no contact between candidates and the examiners before the examination.
24. The Oral Examination (Viva) is held at the AA some 4-6 weeks following 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.
25. 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. Supervisors are informed of the outcome and discuss any further work required from the candidate to complete the degree.
26. The examiners submit a joint report on the conduct and outcome of the oral examination providing a recommendation on the award of the degree and specifying any corrections or amendments that may be required.
27. Examiners will return their copies of the Dissertation to the candidate unless these are needed to check against corrected versions.

Stage 6: Post-examination

28. Where corrections and amendments have been requested by the Examiners, these are reviewed with the supervisors to agree on a plan of work and timetable.
29. Candidates undertaking corrections must continue their AA and OU registrations until successful completion of the degree. Supervisors will be available for the duration of the correction period. Candidates who are unable to stay in London while undertaking corrections should remain in contact with their supervisors by email.
30. Corrections and amendments must be discussed with the candidates’ supervisors before being submitted to the AA Graduate School Administrative Coordinator who will then send the revised dissertations to be reassessed by the Examiners. One or both Examiners may have been designated for this task and a further oral examination may be required by the Examiners in some cases. 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 for the PhD may be offered the MPhil or may fail to be awarded either degree.

31. 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. Permission may be granted to submit some of the copies in electronic form.

32. Candidates who have satisfied the requirements for the PhD degree receive certificates confirming the award of the degree by the OU. Award ceremonies are held by both institutions. The AA School’s Graduation day coincides with the opening of the School’s Projects exhibition on the last week of June.

Further information on the above can be provided by the School’s approved PhD supervisors, third party monitors and the PhD Programme Director. The Open University publishes extensive documentation that is available to all candidates upon registration (see 3.9 below).

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 qualification in the area of their proposed research. Enquiries can be addressed to the programme director, one of the programme’s approved supervisors or the AA Admissions Office. Applications are submitted online to the AA Graduate School Admissions Coordinator 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.
- A Masters degree or equivalent academic qualification or professional experience in the area of the proposed research project.
- Brief CV outlining applicants’ recent work experience and other activities including publications.
- Proof of proficiency in spoken and written English.
- AA Application Form and statement of up to 1500 words on PhD research interests and how these relate to current areas of research within the AA PhD programme.
- Two reference letters from academic and professional referees.
- Portfolio with samples of academic and/or professional work; this is required from applicants for PhD in Architectural Design and 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 members of the PhD Committee. Applicants are 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 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 is selected from among the programme’s approved PhD supervisors. Research students are represented on the Committee. 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 regularly over the academic year. Forthcoming meetings in 2017-18 are scheduled for 14 September, 26 October, 25 January, 8 March, 11 May and 28 June.

3.3 Registration Mode

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

3.4 Programme Structure

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

- **Individual Research Projects**
  There are over 30 individual PhD research projects starting or continuing in 2016-17 on a variety of research topics within the programme’s broad areas of research.

- **Research Groups**
  These are thematically related individual projects around the different research strands within the programme.

- **Joint Activities**
  These are events that bring together the different strands of the programme.

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

3.5 Supervision & Third Party Monitoring

Each research student is assigned two supervisors one of whom is designated as director of studies. Directors of studies are appointed from among AA Graduate School academic staff according to their supervision experience and knowledge of candidates’ field of research. AA Graduate School teaching staff currently approved as directors of studies or as second supervisors are listed in the Appendix. Prospective PhD applicants will normally make first contact with the PhD Programme Director, one of the Programme’s directors of studies, or the AA Admissions Office to enquire about application and supervision.

Directors of studies are assigned to applicants at the time of being offered a place to join the programme. The appointment of second supervisors may take place at the same time or soon they join the School. In the latter case the appointment should be in place by the time a PhD proposal is submitted for OU registration. All new PhD students are interviewed on arrival and their supervision and schedule of preparatory studies are reviewed and confirmed. Supervisor
appointments are confirmed with the approval and registration of candidates’ research proposals. The OU registration sets the start and end dates of the PhD study period.

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

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

**Directors of Studies** (main supervisors) are required to have:
- academic competence in the area of the proposed research topic
- an appointment as a member of the academic staff of the AA
- a PhD
- experience of UK PhD supervision to successful completion
- experience of UK PhD examination.

**Other Supervisors** (second supervisors, advisors) are required to have:
- academic competence in the area of the proposed research topic
- an appointment as a member of academic staff of the AA or other institute of higher education or of an appropriate research group
- a PhD.

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

**Duties of all supervisors**

All supervisors (whether director of studies or second supervisor) are responsible for:
- establishing, at the beginning of students’ research programme, a satisfactory framework for supervision, including arrangements for regular meetings
- defining the role of each supervisor
- regularly discussing the research project with the student
- providing such advice and guidance as may be necessary
- monitoring the student's progress and providing regular progress reports.

**Additional duties of the director of studies**

In addition to the duties outlined above the director of studies is also expected to:
- take responsibility for supervising the student regularly and frequently
- ensure that the other supervisor(s) are carrying out their responsibilities to the student
- meet the student and other supervisor(s) to discuss the research project at least three times a year.

**Additional duties of other supervisor(s)**

In addition to the duties outlined above second supervisors are expected to:
• meet with their students regularly to discuss the research project
• be available for consultation by the student and/or the director of studies
• meet with the student and director of studies at least three times a year.

In addition to their two supervisors each research student is also assigned a senior member of AA teaching staff to provide independent support as a third party monitor. The role of the third party monitor is to provide pastoral support for the student outside of the supervisory environment; identify and resolve potential problems, thus avoiding impeded progress; provide a dispassionate view if difficulties arise with the student’s progress; identify resource management problems (staff time, equipment etc). Research students should consult with their third party monitors annually.

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 which accompanies candidates’ PhD research proposal and serves as the application for OU registration. Applicants for PhD in Architectural Design must declare their intention on form ARC9.

3.7 PhD in Architectural Design

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

The origins of the PhD in AD at the AA School can be traced back to the late 1980s when several of the PhD projects in the areas of environmental design and energy conservation started extending into design research and its applications. What is new in the programme’s current work is its broadening of the thematic areas for PhD research. The following are important characteristics of the PhD in AD:

• The denomination “PhD in AD” identifies architectural design as a tool for research, as well as an object of research while maintaining the structure and scholarly standards of a PhD degree.
• Whereas a traditional PhD thesis is said to be text-based, the submission for the PhD in AD is expected to include visual material that is produced as part of the PhD research. Candidates may present this material in different forms. However, for the final submission all material being submitted as belonging to the Dissertation should be held together as a single document.
• The design component of the PhD in AD is identified at application stage but is not predetermined, it evolves with the research project. Any modifications are declared in the annual progress reports. Examiners must have experience of PhD examination, as well as being qualified to assess the role and contribution of design research in the particular areas of research.
• Physical models and experiments involving models are the only products that the examiners cannot fully assess on a printout or computer screen. Where such products 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 is the same as that of a traditional PhD viva.
• Successful candidates area awarded the degree of Doctor of Philosophy. The PhD in AD is not a separate degree.

3.8 Funding of PhD Studies

Applicants should plan the funding of their PhD studies in advance over the whole duration of their studies assuming a minimum of three calendar years with a typical duration closer to four years. The AA School awards a limited number of tuition fee bursaries, typically worth one term’s fees, to eligible new and returning research students.

3.9 OU Registration

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

**OU Guidance for Students:**

**OU Research Degrees Student Handbook**
Registration with the OU
http://www.open.ac.uk/research/arc-handbook/

**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

Research projects involving human participants require ethics review and approval. 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/

3.10 Intellectual Property Rights

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

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

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

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

Candidates for PhD in Architectural Design must at this stage consolidate the nature and role of non-text material being produced in support of 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 (see 3.12 below).

3.12 Annual Progress Reports

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 achieved by the research project.

3.13 Dissertation Submission

A dissertation submitted for the Doctor of Philosophy degree must make a significant contribution to knowledge, contain material worthy of publication and give evidence of the candidate’s ability to undertake further research without supervision. The submission should be in the form of a document bound in A4 Portrait format with hard black covers holding together 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 into the A4 Portrait format.

Notwithstanding any 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 full 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 on how to access any electronic files required for the assessment they are required to carry out ahead of the oral examination.
- Design material submitted for the PhD in AD 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 any appeals and complaints. The constitution of the panel and procedure to be followed are described in the AA School’s Academic Regulations. A complaint can be made to the OU when all internal AA procedures are exhausted. Appeals against academic decisions of the OU can be made directly to the OU.

4 RESOURCES

4.1 Academic and Administrative Staff

The PhD programme draws contributions from AA academic staff across 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. Directors of studies are normally appointed from among fulltime members of the AA Graduate School teaching staff who are approved as PhD supervisors. It is not uncommon for second supervisors to be appointed from outside the School.

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 events.

4.3 AA Departments & Resources

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

4.4 OU Resources

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

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

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 implementation 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

PhD seminars deal with research methodology, critical reading of literature, presentation and publication of research and the writing of the dissertation as well as addressing specific thematic areas of interest.

Regular seminar sessions will provide support to the development of research projects in Terms 1 and 2.

Mark Cousins Research Methods Term 1

This course deals very concretely with the practicalities of research providing a detailed account of the issues that need to be considered and incorporated into the domestic engine of the work. These include:

1. The overall characterisation of PhD work as a process of editing.
2. The function of an outline throughout the PhD.
3. The creation of different files and their relation to research notes.
4. The housework of the PhD.
5. The divisions of the text.
6. The notion of converting the ‘academic’ into the argument, what we will call the subjective.
7. The footnote, the bibliography, the appendix and images.
8. The writing of the text.

Michael Weinstock The Scientific Method and Design Science Term 1

The Scientific Method is an evolving set of procedures based on systematic observations and measurements, the formulation of ideas (hypotheses) and predictions from those observations that are tested by experiment, the subsequent modification of the hypotheses and further experimentation until there is no distance between the hypothesis, prediction and observed results of the experiment. Design Research is a unique class of inquiry that may include some combination from the larger set of principles of form and behaviour, integrated knowledge from the natural or cultural sciences, a specified degree of mutability such as a relational model capable of adaptation to differing circumstances or environments, testable propositions and principles of implementation, and an expository design (conceptual, physical or computationally simulated) to be used for testing and evaluation. These seminars are recommended for both PhD and Graduate students, and are open to all students.
1. The Scientific Method and Design Science
3. History of Design Science
4. A Design Science research project - anatomy, methods and models
5. Invited guests to present completed research projects and exegesis of their documentation.

Marina Lathouri and visiting speakers PhD Debates: Architecture and the Political  Term 2
The Debates, a joint MA History and Critical Thinking and PhD seminar, provide a venue for the exchange of ideas and arguments. External speakers are invited every week, to position multiple voices and make possible a process of thinking in common, by definition a pedagogical practice different from the seminar or the lecture. New technologies and modes of design, and different forms of production have prompted elaborate arguments on economic policies, organisational models, environmental strategies and sustainable development patterns. There seems to be, however, a lack of reflection on the fundamental question of architecture as a composite form of knowledge with specific traits, and a distinct set of practices. Is it possible to proceed through a critical body of architectural references, existing or to be constituted, in order to engage existing material organisations and their institutional frameworks? Is it possible that the various regimes of the architectural project might still enable us to rethink conceptions of space, conflicts of appropriation and norms of use nearing the juridical delimitations of public and private domains? These among other questions will be discussed from different standpoints, with the visiting speakers as well as tutors and students from within and outside the school. The series will conclude with presentation and discussion of students’ ongoing research work. The sessions are open to other students who wish to participate in the discussions.

AA PhD Research Projects  Terms 2 & 3
Plenary sessions with student presentations from across the PhD Programme’s different areas of research will be held in Terms 2 and 3:

25 January 2018  Recently Completed PhD Projects
22-23 February 2018  Continuing PhD Projects
26 April 2018  New PhD Research

4.8 External Links

On any given year AA PhD candidates contribute to conferences, teaching and publications within School, as well as in other academic institutions in the UK and abroad. In 2016-17 student research activities outside the AA School included presentations at the 13th AHRA Conference on Architecture & Feminisms and the Buildings in Society Conference in Stockholm, the Photography & Architecture Conference in Pamplona, the AA Summer School and Summer School Central Saint Martins London, the Beijing Design Week and the Nanjing International Art Festival in China, New Zealand Institute of Landscape Architects’ Small Urban Conference Wellington, Future Technologies Conference San Francisco, Theory’s History 196X-199X Conference Brussels, and at University of Edinburgh, University of Navarra, University of Pennsylvania and University of Technology Sydney. Visiting speakers in Term 1 included Joan Ockman and Anthony Vidler. An Open Seminar titled Architecture and its Theories was organised in early March 2017 by Doreen Bernath and Teresa Stoppani in collaboration with Jonathan Hale and Diana Periton of the Architectural Humanities Research Association (AHRA), following from a conference and publication on This Thing Called Theory co-organised and edited with Branden Engel, Giorgio Ponzo and George Themistokleous. Guest speakers included Marco De Michielis, Pippo Ciorra, Mark Cousins and Douglas Spencer.

Building Conversations, a series of building visits led by practising architects in discussion with PhD students was initiated by Gabriela Garcia de Cortazar with AA Membership and is continued by Sofia Krimizi. John O’Marra of Herzog & de Meuron led the conversation at All Saints Church, with Stephen Bates of Sergison Bates at Chandos House, and Jamie Fobert of Jamie Fobert Architects at Bromley Hall School.
Earlier events included a symposium on Advances in Design Computation, organised by Elif Erdine and Ali Farzaneh featuring Antoine Picon, Achim Menges and Francis Aish; “Savage Architecture”, an exhibition curated by Davide Sacconi; research presentations at Columbia University; at the University of St Andrews; at the Wohnungsfrage Academy, Berlin; the Tehran Architecture Biennial Conference; at Cornell University’s Rome Programme; at Ion Mincu University Bucharest; at the AHRA Conference, Leeds Beckett University; at SOAS, University of London; at Syracuse University’s London Programme; at the Beijing Design Week; at the University of Thessaly, Greece; the Architectural Humanities Research Association AHRA Symposium at the University College Dublin, Ireland; the Urban Lab at UCL; the Architectas Symposium on Architecture and Gender, in Seville, Spain; the Pontificia Universidad Catolica and the University of Chile, Santiago; the Education & Research in Computer Aided Design in Europe eCAADe 2014 Conferences in Newcastle upon Tyne; the Congress of Architectural History, Athens European Architectural History Network’s EAHN 2014, Torino, Italy; the University of San Jose, Costa Rica; the University of Diego Portales, Chile; the Hellenic Centre, London; the PLEA (Passive and Low Energy Architecture) conferences in Ahmedabad, India in 2014 and in Los Angeles in 2016 among others.

Architectural Humanities Research Association
AHRA is a non-profit academic organisation that provides an inclusive and comprehensive network for researchers in architectural humanities across the UK and overseas. It promotes, supports, develops and disseminates high-quality research in the areas of architectural history, theory, culture, design and urbanism. Membership is free and open to researchers working in schools of architecture (www.ahra-architecture.org/registration).

The AHRA newsletter (www.ahra-architecture.org/newsletter/) lists forthcoming events, conferences, publications and other research activities. Papers presented at recent annual AHRA events can be accessed at www.ahra-architecture.org/publications/ahra/
4.9 Publications

AA PhD research papers have recently appeared in in ARQ 93, AA Files, Datum, New Architecture, Very Vary Veri Journal, 2X1, Urban Flux, Lobby, Eros, Ruang, AArchitecture, Materia Arquitectura, Routledge Encyclopaedia of Modernism, ArchiDOCT journal of doctoral research in architecture and Scapegoat Journal among others as well as providing contributions to several books. The PhD Committee will provide support to encourage publication of completed and continuing research both online and in printed form. An editorial board has been appointed for this task.

4.10 Research Grants & Travel Bursaries

Research grants and travel bursaries are available to PhD students 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 an account of the event as well as the final version of their paper and accompanying visual material.

AA-CCA Research Grant

This research grant provides the opportunity to attend a summer seminar and consult 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. 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

Applications for the AA-CCA grant are reviewed by the AA PhD Committee. AA nominations are submitted to the CCA for decision on the award. Applicants should provide a CV, an outline of their PhD research, a proposal for the research to be carried out at the CCA and a letter of support from their directors of studies.

4.11 Teaching Engagements for AA PhD Students

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

Qualifying Criteria
- There is no work restriction for AA PhD students who are UK/EEA or Swiss nationals to undertake teaching engagements.
- AA PhD students who are on Tier 4 UK study visa are not permitted to work during their studies owing to the School’s designation as a Higher Educational Provider. For further information see the AA Compliance Officer.
- AA PhD students on full scholarships should consult their relevant funding bodies in case they may be precluded from working outside their studies.
- PhD research students who exceed four years of registration for the degree will not be permitted to take-up or continue employment.

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

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

4.12 PhD Studies for AA Staff

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

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

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

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

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

4.13 Visiting Scholars

Doctoral candidates registered with another institution who wish to spend a period of their PhD research at the AA School must follow the normal postgraduate application procedure described in this document, the AA Prospectus and online. The maximum period of study as visiting doctoral student is of one academic year for which the School’s research student tuition fees will apply pro-rata. Applications by scholars with post-doctoral qualifications will be considered by the PhD Committee subject to their relevance to current research interests within the Graduate School. Tuition fees may apply pro rata depending on the Visiting Scholar’s period of stay and participation in the School’s activities.
Appendix 1       

PhD & MPhil RESEARCH PROJECTS

This Appendix provides a full list of all PhD and MPhil research projects undertaken at the AA School. It is divided into three sections: Continuing PhD Research Projects in 2017-18; Completed PhD Research Projects listed by academic year; Completed MPhil Research Projects. New PhD Research Projects due to start in October 2017 are not included; these will be added following candidates’ registration of the research proposals.

Continuing PhD Research Projects in 2017-18

NIHAL AL SABBAGH  
Urban Design and Outdoor Thermal Comfort
Supervisors: Dr Simos Yannas, Dr Paula Cadima
In Dubai environmental conditions have been impaired by a built environment that creates uncomfortable and unappealing outdoor spaces. The current study aims to improve pedestrian thermal comfort, thus promoting walkability, prolonging the distances that can be travelled by pedestrians at different times of the year. Design strategies are being investigated through field studies and simulation for the urban communities of Greens and Jumeirah Lakes Towers.

ELENI AXIOTI
Architecture as an Apparatus of Governance
Supervisors: Dr Marina Lathouri, Dr Thanos Zartaloudis
The thesis analyses architecture as an apparatus functioning in the practice of government, illustrating the complexity of this process and tracing its operations in a specific milieu – that of the institutional modern architecture produced by and for the British social welfare state (1950s) until its dismantling by the neoliberal policies (1980s). Focusing on three institutional buildings, the research investigates how certain domains of architecture are constituted governable and administrable by precise operations.

BRENDON CARLIN (PhD in Architectural Design)
Territorializing Interiors: Non-Typological Housing in Japan
Supervisors: Dr Pier Vittorio Aureli, Dr Maria Giudici
Since the end of the Second World War many examples of architect designed housing have tended towards non-typological: primitive-geometrical enclosures of empty space with increasingly blank or generic surfaces and more recently, enclosures that in the extreme lightness or blurriness of their material assemblies, defy legibility that space is being segmented and contained. This thesis will read selected examples in Japan since 1945 which when considered within their historical context, are indicative of both the accelerating dissolution of historical models and it seems, of any model at all. In absence of strategic, representational or expressive arrangements, new presence and (self)consciousness finds the possibility to emerge.

JINGRU CYAN CHENG (PhD in Architectural Design),
Territory, Settlement, Home: A Project for Rural China
Supervisors: Dr Pier Vittorio Aureli, Dr Sam Jacoby
The countryside is the new frontline of urbanisation in China. The rural territory, new rural settlement and family home become key instruments of the state apparatus in the process of appropriation, redistribution and production. Eventually through the fine grain of daily routine and social behaviour, desired subjects are being constructed. The thesis is to, through design projects, disclose mechanisms of planning strategies underpinned by the growth centre doctrine, the urban spatial template for consolidating rural settlements and the modern apartment and family house as transformative tools to bring urban lifestyle to the countryside.

TATJANA CROSSLEY (PhD in Architectural Design),
Dissolution of the Body Image
Supervisors: Mark Cousins, Dr Mark Campbell
Architecture defines relationships between bodies and space. It is through these relationships that object-subject hierarchies form, affecting human behaviour and habitus. The thesis studies how
immersive design can be used as a supportive tool in shaping ‘normal experience’ to create new extended notions of body image and new understandings of space and place.

**GEORGIOS EFTAXIOPOULOS** (PhD in Architectural Design),
*Stásis: Towards a Critique of Flexibility in Architecture*
Supervisors: Dr Pier Vittorio Aureli, Dr Maria Giudici
The thesis argues that flexibility operates as an architectural tool towards the transformation of spaces that are becoming far from being ‘free’ and instead alienate and restrict their inhabitants. Producing a strange paradox that both enables change and potential and also dictates it, the project conceptualizes flexibility through the idea of stasis, arguing that it unfolds as a technique to achieve a state of stillness.

**ANDREA GOH**
*Home & Territory as an Apparatus of Social Engineering*
Study of Singapore Home Ownership Policies
Supervisors: Dr Marina Lathouri, Dr Alexandra Vougia
The research will look at how the young nation struggles to create a sense of belonging for its citizens using its housing and land ownership policies as an apparatus of power over a compliant populace. Through the examination of Singapore’s urban planning policies, home ownership policies and designs of public housing, the thesis will investigate how the State has constructed a narrative in its attempts to sustain the public’s confidence in the local government, even if it means the erosion of the traditions of its people and the compromise of personal choice.

**NAINA GUPTA**
*Beyond Jurisdiction? The Case of the International Criminal Court*
Supervisors: Dr Marina Lathouri, Dr Thanos Zartaloudis
Since 1989 there are at least 24 active, restructured or new, independent international law courts - leading to speculations about the hierarchy and structural logic between the international and domestic legal spaces. The inclusion of private individuals and a public audience, in the legal operations and processes, across the developing multi-scalar ecology of international and national adjudication can be identified as a pivot for the increasing political agency of international adjudication and permits a spatial and architectural reading of this political agency. The thesis examines the ways in which architectural and spatial processes participate in the construction and composition of the project for international legal adjudication.

**DAVID HUTAMA**
*The Transcultural Exchange in Architectural Knowledge and Building Practice between the Javanese and the Dutch in the East Indies (1900-1945)*
Supervisors: Dr Marina Lathouri, Dr Murray Fraser
The thesis investigates historical events that prominently contributed in shaping current architectural knowledge and practice in Indonesia. This thesis will elaborate transcultural
exchange between the Dutch and the Javanese in the early part of the 20th century where the Dutch was forced to formulate architecture and building practice for the East-Indies (Presently Indonesia), and meanwhile the Javanese utilised various imported materials and technologies for their own architecture interest. Such unprecedented dialogue between the Dutch and the Javanese initiated debates and discussions upon the modern architectural knowledge and practice of the East-Indies and Indonesia afterwards.

SERENA LEHUA JARVIS
Social Finance and Communal Space: A Housing Project for the Poor
Supervisors: Mark Cousins
The dissertation uses the new ensemble between hedge funds and the poor as the entry point to explore a new proposal for housing in London. It acknowledges the fundamental problem that when housing the poor, there is no funding available to build communal facilities. The research explores how space for communal elements in housing can be highly successful. It does so by examining a new system of social finance to fund communal services and an architectural reconfiguration in housing to meet the needs of the poor.

SOFLA KRIMIZI
Learning from ‘learning from’
Supervisors: Mark Cousins, Joan Ockman
This thesis researches forms of architectural research occurring “on the road”. Focusing on education exiled from the physical boundaries of the school of architecture, the tool of the trip is understood as an operation of displacement, a form of autopsy, an empirical study and pursuit of knowledge. My hypothesis is that from its inauguration, traveling became a radical form of architectural pedagogy that offered both the invention of knowledge as well as the the mythology of discovery.

MOHAMMED MAKKI (PhD in Architectural Design),
Urban Adaptation through Evolutionary Development
Supervisors: Dr Michael Weinstock, Dr George Jeronimidis
The research tackles the urbanisation of harsh climatic regions in the arctic tundra, within a computational platform to establish a correlation between the governing factors of the evolutionary development of natural systems and those that regulate city development and growth.

OLIVIA MARRA (PhD in Architectural Design)
Garden as Political Form: From Archetype to Project
Supervisors: Dr Pier Vittorio Aureli, Dr Mark Campbell
This thesis aims to contribute to the broad discussion on whether and how architectural form can give spatial legibility to an idea of living together through the reconsideration of the garden as an
archetype of collective enclosure and, henceforth, a spatial device with which alternative rules of urban coexistence may be recognised and practiced. The analysis will be used as springboard for a design strategy.

SAMANEH MOAFI (PhD in Architectural Design)
*Domestic Architecture, Governance and Conflict in Iran*
Supervisors: Dr Pier Vittorio Aureli, Dr Adrian Lahoud
This research begins with an investigation: a radical state-initiated housing project named Mehr (2007–13) in the Islamic Republic of Iran, made up of four million housing units spread across the country. The thesis will examine the instrumentality of Mehr in establishing homogeneity in the segregated working class as well as the economic processes that enabled the advent of the project in the first place.

HYUN-JAE NAM (PhD in Architectural Design)
*Urban Nodes: Programming Intelligent Spaces for Social Interaction*
Supervisor: Dr Michael Weinstock
The architectural experiment in this research will investigate architectural adaptability and flexibility in response to constantly and rapidly changing demands for different ways of using spaces. Focussing on fitting spatial function to different types of user activities at different times, the study will develop adaptive and interactive spaces, aiming for intelligent architecture.

WILLIAM HUTCHINS ORR
*Categorical Refusal: A Philosophical and Historical Analysis of Architectural Politics*
Supervisors: Dr Marina Lathouri, Dr Nina Power
This thesis re-examines the debate surrounding the political project of architecture instigated by controversial Italian historian and theorist Manfredo Tafuri. Using a “metapolitical” lens developed from the philosophy of Alain Badiou, it focuses on the manner in which architecture has been conceived both as a category (for instance “architectural thought”) and a really existing historical discipline. By highlighting the problematic nature of architecture as category when set against categories of progressive political transformation, the twentieth century Marxist critique of the architectural discipline can be reinforced.

LUKAS PAUER (PhD in Architectural Design)
*Staging Facts on the Ground On the Rationale of Sovereignty Markers in Contested Territory*
Supervisors: Dr Pier Vittorio Aureli, Dr Thanos Zartaloudis
Situated at the intersection of urbanization and geopolitics, the thesis investigates an architecture of seemingly minor/banal objects with nevertheless enormous territorial repercussions: earthwork, stones, posts, walls, beacons, etc. The thesis interrogates how architecture and its representations can claim or subvert power in vast contested territories where stable and extensive sovereignty cannot be established/demarcated. Hereby the thesis seeks to identify a historical genealogy of devices marking territory in form of architectural building, cartographic mapping, and toponomastic branding.

IOANNA PINIARA (PhD in Architectural Design)
*We have Never been Private! The Housing Project in Neoliberal Europe*
Supervisors: Dr Pier Vittorio Aureli, Dr Maria Giudici
The thesis puts forward an interpretation of the transformation of the concept of the private in domestic space within the socio-economic regime known as neoliberalism; the cultural and social role of domestic privacy were diminished and the private evolved to reflect an economic condition. By investigating four housing programmes in London, Berlin, Madrid and Athens, the thesis proposes a critical reassessment of privatisation as a policy of dispossession that led to the formation of new economic inequalities and the resulting urban transformations. To understand neoliberal processes of dispossession means also to conceptualize them as methods for a form of resistance.

STEFAN CRISTIAN POPA
*Between earth and sky Visions of sustainability and geographical citizenship in the 1994 Winter Olympic Games held in Lillehammer, Norway*
Supervisors: Dr. Marina Lathouri, Dr. Anthony Vidler
The analysis of the graphic material produced during the design process of the Lillehammer Winter Olympic Games held in 1994 - the first materialization of the United Nations agenda for the environment - within broader political, social, cultural and economic conditions, aims to evaluate the extent to which the practices of design can acquire increased relevance in the contemporary ecological debate. The research engages with the ecological ambition of attachment to territory by means of a balanced relationship human – environment in relation to the apparently opposing technological search for the reproduction of the conditions for life outside nature.

ARTURO REVILLA (PhD in Architectural Design),
*ProcessCity Architecture and the Border Condition*
Supervisors: Dr Marina Lathouri, Brett Steele
This project investigates the border as a conceptual and spatial condition from which architectural design can reframe its relation to the city as an object of study. Rather than using design as a way to conclude a consecutive line of arguments, it is used as a tool to investigate new relations. With a participatory perspective in mind, design experiments and small-scale interventions are used to develop ideas and build a research narrative.

RICARDO RUIVO PEREIRA
*Mystiques of Socialist Architecture*
Supervisors: Mark Cousins, Dr Pier Vittorio Aureli
The Soviet “avant-garde” has seen growing popularity since the 1960s, systematically presented as precedent to politically charged present practices and discourses. This thesis frames this link to the present as a “historiographical link”, an ideological projection of meanings the Western historiography of Soviet architecture produces over its own geo-political reality. “The avant-garde” as a category is itself constructed in this context as a means of legitimation of Western presents, where the relationship between history, design and politics is articulated through the category of “the project”, in a process that depoliticises the very idea of the politicisation of architecture itself.

DAVIDE SACCONI (PhD in Architectural Design),
*A Project for the Brazilian City*
Supervisors: Dr Pier Vittorio Aureli, Dr Mark Campbell
Tracing the history of Brazil the thesis constructs a conceptual framework for the design of Archetypes of public space in Rio de Janeiro, São Paulo and Belo Horizonte. Archetypes are architectures liberated by programme, where the normative definition of performances and
behaviour is substituted by an exposed rule, a principle governing conduct and action where form and activity intimately coincide.

MILAD SHOWKATBAKHSH (PhD in Architectural Design)

*Vertical Urban Growth* - An evolutionary model for intelligent urban assemblies
Supervisors: Dr Michael Weinstock, Dr George Jeronimidis

This research emphasizes the significance of principles of homeostasis and growth of natural systems in the architectural discourse. It proposes vertical growth as opposed to conventional lateral urban sprawl. The intention is to mathematically abstract principles of growth of natural organisms to produce a computational design engine capable of generating vertical urban assemblies with significant ecological and architectural performance.

THIAGO TAVARES ABRANCHES DE SOVERAL,

*Security and Architecture*
Supervisors: Jorge Fiori, Dr Sam Jacoby

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

AIMAN TABONY (PhD in Architectural Design),

*The Ecological Superblock Design Science for the Architecture of the City*

Supervisors: Dr Michael Weinstock, Dr George Jeronimidis

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

DAMNOEN TECHAMAI (New PhD Project)

*Wedding Spaces:*
The Making of Contemporary Thai Wedding Ceremony
Supervisors: Mark Cousins, Dr Chittawadi Chitrabongs

The study aims to investigate the contemporary weddings in Bangkok, Thailand which is categorised as one of a hybrid culture - a mixture of western and traditional Thai culture at least on three aspects: ritual objects/spaces, process and reality. By using hybridity as a key concept to explore the contemporary Thai weddings together with searching and collecting specific descriptions of the wedding objects such as wedding photography, dresses, cakes, flowers, catering, shelters and ritual process in order to analyse and interpret the place of ideology of these hybrid ceremonies.

ALDO URBINATI

*Architectural Effects*

Supervisors: Mark Cousins, Thomas Weaver

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

ALVARO VELASCO

*Exile on Main St. The desert as internalising territory.*

Supervisors: Dr Marina Lathouri, Fabrizio Gallanti

Throughout the twentieth-century seemingly barren deserts were saturated of narratives, fictions and representations of the foreign. The thesis explores these narratives to argue that the desert has become a territory for internalising exteriors. Here, 'grand narratives' such as western culture, modernity, or global economy have appropriated or absorbed what had been excluded or defined as being “outside” - the exotic or Oriental, the irrational, the foreign.
Completed PhD Research Projects

2017

ALVARO ARANCIBIA TAGLE

The Social Re-Signification of Housing: A Design Guide for Santiago de Chile

Supervisors: Dr Marina Lathouri, Dr Sam Jacoby

By challenging current Chilean ‘social’ housing policy and its total dependence on the private market, this project investigates a new regulatory framework in which the housing design guide is conceived as an instrument for urban and social transformation. The research has defined a set of fundamental architectural principles, questioning and expanding the disciplinary agencies of the housing design guide and the problem of contemporary design itself. PhD completed this year.

ALI FARZANEH (PhD in Architectural Design)

Computational Morphogenesis of City Tissues

Supervisors: Dr George Jeronimidis, Dr Michael Weinstock

Bottom-up models derived from biology are used to study how principles of biological morphogenesis can inform organisational models for spatial formation. The structuring of
information as data-structures can generate city morphologies. By breeding data, digital objects are manifested, differentiated and speciated. Their collection follows principles of evolutionary development and analysis for performance – computational morphogenesis and applied at the urban scale. PhD completed this year.

GABRIEL FELMER PLOMINSKY
Low-Energy Dwelling Prototypes for Different Regions of Chile
Toward a Housing Strategy for Reducing Fuel Poverty
Supervisors: Dr Simos Yannas, Dr Paula Cadima
This research addresses the fuel poverty caused by the poor environmental quality of new social housing stock in Chile. Field measurements and simulation studies investigating alternative designs and construction techniques demonstrate that acceptable environmental conditions can be achieved in new dwellings without conventional fuels. The outcome is an affordable, low-carbon system of cross-laminated timber panels suitable for a variety of configurations.

Gabriel Felmer

GABRIELA GARCÍA DE CORTÁZAR
The Chorography of the Modern City
Supervisors: Mark Cousins, Dr Pier Vittorio Aureli
Until the nineteenth century, space was represented and produced through mathematically constructed drawings: plans and sections captured buildings and the scientific map recorded the territory. The development of technologies of transport brought crisis into this static and balanced world as speed and displacement radically reconfigured the subject’s orientation. This thesis examines the maps, plans, guides and signs produced in Britain in the nineteenth and twentieth century to accompany railway travelling, motoring, underground commuting and walking in the city, arguing that they indeed became chorographies of the modern metropolis. These modern chorographies not only exploited the possibilities of the graphein in order to deal with the complexities of space, time and movement, but they also prescribed a very specific knowledge, one that dictated a new way of being in space. In fact, they created a new set of spaces altogether. PhD Completed this year.
IVONNE SANTOYO-OROZCO  
*Rome, Before the State: Architecture and Persuasion in the Early Modern City*  
Supervisors: Mark Cousins, Dr Pier Vittorio Aureli  
Challenging the predominant architectural historiography of Rome, this thesis suggests that a fundamental misreading has eclipsed a history. Through analysis of three categories, we come to terms with how modern power discovered relations of obedience that relied not on the traditional means of legal or military force, but on the affective life of citizens. More markedly, the papal court began to develop sensorial and spatial techniques that were instrumental to the formation of modern state machinery.

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

MEREATe BARAKAT  
PhD in Architectural Design  
*Sonic Urban Morphologies: Towards Modelling Aural Spatial Patterns For Urban Space Designers*  
Supervisors: Dr George Jeronimidis, Dr Michael Weinstock  
The design-based contribution of this research project is the development and calibration of a computational design aid that can predict qualitative patterns of aural spatial perception, and translate them into spatial attributes of a modelled urban space. The tool produces spatial patterns as representations of the distribution of sound energy of predicted acoustic spaces and the intermediary domains between them. The fields of computation simulation, soundscape, and psychoacoustics inform the structure of the tool, the input parameters, and the testing and validation processes this research adopts. PhD completed 2016.

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

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

2015

FRANCISCA AROSO PINTO DE OLIVEIRA
Fabrication-based design of responsive transitional spaces
Supervisors: George Jeronimidis, Michael Weinstock
The design research focused on transitional spaces between buildings’ internal and external environments. New design paradigms were abstracted from biological models to inform the engineering and material organization of transitional zones. Digital design and fabrication techniques were combined to test material properties and enhance the performative capacity of the new system. Using a subtractive and formative machining process the properties of wood were manipulated to meet the desired performance criteria of light penetration, privacy and views. PhD completed in 2015.

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

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

PATRICIA MARTIN DEL GUAYO
Environmental Perception: climate in urban public spaces
Supervisors: Simos Yannas, Paula Cadima
This dissertation reveals that climatic conditions significantly influence the way people use public spaces, drawing or repelling people from them. Thus, the study of urban microclimates becomes particularly significant in order to design successful public spaces that promote social activities.
Fieldwork in London and several Spanish cities studied the climatic and social environments in selected public spaces. It focused on people’s perceptions and reactions to the microclimatic environments and to climate-responsive structures. The dissertation puts forward proposals for a specific public space on the outskirts of Madrid illustrating an integrative approach in the design of urban public spaces. PhD completed in 2015.

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

2014

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

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

2012

WINYU ARDRUGSA
‘Stranger’ and ‘Home-Land’: Religious Practice and Spatial Negotiations of Thai Muslims in Contemporary Bangkok
Supervisors: Marina Lathouri, Modjtaba Sadria
Situated to challenge the established essentialist understanding of ‘Muslim space’, this research investigates the relationship between subject formations and spatial negotiations through the everyday prayer practices of the reformist Muslims of Bangkok and the processes carried out in relation to ‘urban’ mosques, ‘public’ prayer rooms and ‘else’-where. The thesis argues for a destabilised body-place of relationships though producing specific conditions of spatial intimacy. PhD completed 2012.
NERMA CRIDGE
Drawing the Unbuildable
Supervisors: Marina Lathouri, Mark Cousins
Starting from a premise that many highly important architectural projects are not simply unbuilt, but rather unbuildable, the thesis defines the category of the unbuildable. Both the unbuildable and the buildable will be revealed as working distinctly, but pertinently, not in opposition to one another. The discussion focuses on case studies from the peak period of the unbuildable - post-revolutionary Soviet Union- including Tatlin’s Tower and the Palace of the Soviets. Speculations on El Lissitzky’s Cloud Stirrups form the basis for the examination of the notion of an architectural series. PhD awarded 2012.

LUCIANO DUTRA
Design Process and Environmental Information: applicability of design support tools
Supervisors: Simos Yannas, Peter Sharratt
PhD awarded 2012.

DONG KU KIM
Climate-Interactive Building Design in a Korean Climate
Supervisors: Simos Yannas, Rosa Schiano-Phan
Continuous adaptation to surrounding environmental change is essential to sustain life. Like living beings, buildings can provide a comfortable environment adjusted to outdoor climate variations. This research project focuses on the potential of climate-interactive building design strategies for the high seasonal variations of the Korean climate. PhD awarded 2012.

CHOUL WOONG KWON
Transitional Spaces: the role of sheltered semi-outdoor spaces as microclimatic modifiers on school buildings in the UK climate
Supervisors: Simos Yannas, Rosa Schiano-Phan
Field observations and extensive computer modelling and simulation studies combining thermal, airflow and daylighting analysis have provided design guidelines on how to achieve acceptable environmental conditions that allow outdoor spaces adjacent to school classrooms to be used as extension of the teaching space without adversely affecting natural light and fresh air supply to the parent building. PhD awarded 2012.

TANIA LOPEZ WINKLER
The Detective of Modern Life
Supervisors: Mark Cousins, Teresa Stoppani
The premise of this thesis is that in the 19c the city reconfigured human experience. The main argument is explored using the Private Detective literature of 19c London from which the clue is extracted as a semantic devise and used as tool/site of investigation into urban questions. Secondly, the thesis proposes the literary figure of the English Private Detective as equivalent to that of the flâneur - a figure considered to be hosted in Paris and lacking in London. Both figures provide 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-use 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 Downdraught 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 ALCALA,
*Environmental Aspects of Hispanic-Moslem Architecture: An Approach to the Daylight and Summer Performance of Islamic Buildings in Spain*
Supervisors: Simos Yannas & Brian Ford
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

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 Ruyssevelt
Awarded 1994

MAHA YAHYA
Forbidden spaces, invisible barriers: housing in Beirut
Supervisors: J Fiori / N Bullock
Awarded 1994
1993

LEONARDO BITTENCOURT,
Natural Ventilation for Cooling
Supervisors: Simos Yannas & Paul Ruyssevelt
Awarded 1993

JOSE ROBERTO GARCIA CHAVEZ
The Potential of Beam Core Daylighting in Hot-Arid Regions of Mexico
Supervisors: Simos Yannas & Nick Baker
PhD Awarded 1990's

NAHED EL GHAZAL,
Supervisors: E Lebas / P Oliver
Awarded

GORDANA KOROLIJA,
Leon Battista Alberti: De re aedificatoria
Supervisors: R Landau / M.Cousins
Awarded

SHIQIAO LI
Shaftsbury’s influence in the shift from the Baroque to Neo-Palladian Architecture
Supervisors: R Landau
Awarded

VALERIE MCLAUGHLAN
Aestheticism in British Architecture: the relation between ides 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
Awarded

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 on their Energy Requirements*
Supervisors: S. Yannas / K McCartney
Awarded

PAULA GONCALVES
Supervisors: J Fiori / A Atkinson
Awarded

SUSANA GONZALEZ
*New Urbanism Now: Crisis and Potentials of Architecture and Urban Practice*
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. Ruyssevelt
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 PhD DIRECTORS OF STUDIES & SUPERVISORS

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

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Doreen Bernath is a theorist in architecture, contemporary art and visual culture. She is engaged in teaching and research at the AA, Bartlett, Leeds School of Architecture and University of Costa Rica. Her publications explore histories and theories of design, visual culture and representation, transcultural studies, media theories and advanced digital architecture. She is one of the founders and directors of the interdisciplinary design platform DEZACT. Co-edited AHRA Architecture & Culture journal special issue on ‘This Thing Called Theory’ in 2016 and will take up the post of co-editor of RIBA The Journal of Architecture in 2018.

Paula Cadima  DiplArch AA PhD
Co-director MArch / MSc Sustainable Environmental Design, Member of AA Teaching Committee, PhD Supervisor. Has been in architectural practice and environmental research for more than twenty five years and has taught at the Technical University of Lisbon, where she was Founding Director of the Bioclimatic Architecture MPhil Programme. Current research interests related to refurbishing the city, urban microclimates, affordable housing, sustainable working and creative environments, energy efficiency and passive cooling design. She published over 30 papers in conferences and journals in these topics and has given invited lectures and keynote speeches, worldwide. She chaired the Environment & Sustainable Architecture working group of the Architect’s Council of Europe and was past president of the International PLEA Network.
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Maria Giudici is the founder of publishing platform Black Square and the coordinator of History and Theory courses at the School of Architecture of the Royal College of Art. She earned her PhD from Delft University in 2014; her thesis The Street as a Project: The Space of the City and the Construction of the Modern Subject is a critique of the contemporary idea of public space and an attempt to rethink the ‘void between the buildings’ as the object of political and architectural intentions. MA in Architecture from Mendrisio Academy, Switzerland, with an award winning project for Venice developed in Elia Zenghelis’ unit. She has worked between 2005 and 2007 in Bucharest-based office BAU and collaborated with De Architekten Cie Amsterdam in 2008, DONIS Rotterdam in 2010, and Dogma in 2011, specializing in large-scale urban developments and mass housing projects. She has taught at the Berlage Institute and BIArch Barcelona and has been a AA Diploma Unit Master since 2011 and a First Year studio master between 2012 and 2016. Theoretical research on the construction of modern subjectivity, a topic she has explored in her History and Theory seminars in several different schools – most recently, since 2012, within the Projective Cities MPhil Programme at the AA.

Hugo Hinsley  MA  Dip.Arch.
Co-Director MA / MArch Housing & Urbanism, PhD Director of Studies, Chair PhD Examination Panels. Hugo Hinsley is an architect with expertise in urban development projects, housing and community buildings. He has a wide range of practice experience, mainly in London, and has been a consultant to many projects in Europe, Australia and the US. He is a Director of the Housing & Urbanism programme in the AA Graduate School. Responsibilities in the AA have included: member of the PhD Committee; member of the Graduate Management Committee; Director of the Visiting Teachers’ Programme; Director of the Future Practice Programme. He has taught, lectured and published internationally. Recent research includes London’s design and planning, particularly in the East End and Docklands; European urban policy and design; questions of housing design and urban density; and housing and urban strategies in Taiwan and Brazil.

Sam Jacoby  AADipl  Dr-Ing RIBA
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Sam Jacoby is a chartered architect with an AA Diploma and a doctorate from the Technische Universität Berlin. He has worked in the UK, Germany, USA and Malaysia, and has taught since 2002 at the AA, where he is currently the Director of the MPhil in Architecture and Urban Design (Projective Cities). He further taught at the University of Nottingham, The Bartlett (UCL), Staatliche Akademie der Bildenden Künste Stuttgart and the Royal College of Art. projectivecities.aaschool.ac.uk.

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Marina Lathouri studied architecture, philosophy of art and aesthetics and heas lectured at Cambridge University as well as the University of Pennsylvania, Universidad de Navarra, Spain and the Universidad Catolica in Santiago, Chile. She writes and teaches on a variety of subjects that lie in the conjunction of historiography, uses of the past and modernity, architecture and literature, the city and political philosophy. Most recently, she co-authored Intimate Metropolis:
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Lecturer in history and theory of architecture at the AA and University of Westminster, PhD Supervisor. His recent book, The Architecture of Neoliberalism, reflects on how the production and experience of contemporary architecture can be understood socially and politically. Lectures internationally and has contributed essays for numerous publications including The Journal of Architecture, Radical Philosophy, Architectural Design, e-flux, AA Files, New Geographies, and Volume. Chapters for Architecture and Feminisms (Routledge, 2017), Landscape and Agency (Routledge, 2017), This Thing Called Theory (Routledge, 2016) and Architecture Against the Post-Political (Routledge, 2014).

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Alexandra Vougia graduated in 2007 from the Aristotle University of Thessaloniki, Greece and holds an MS in Advanced Architectural Design from GSAPP, Columbia University (2008). Her PhD research focused on the interwar architectural modernism in Germany and the subversive function of abstraction as a counter-ideological project. She worked as an architect in New York and Athens.
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**Thomas Weaver** BSc MSc MA
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Thomas Weaver is an architectural writer, teacher and editor. Educated at the Bartlett School of Architecture and at Princeton University. Worked as editor of ANY (Architecture New York) magazine in New York and taught 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. Visiting tutor at the Catholic University, Santiago de Chile, visiting fellow at the University of Queensland, Brisbane, and a visiting reviewer at the department of architecture, University of Cambridge.

**Michael Weinstock** AADipl PhD RIBA FRSA
Director MSc / MArch Emergent Technologies & Design, Member PhD Committee, PhD Director of Studies. Michael Weinstock is an Architect and Researcher who studied at the AA and has taught at the AA since 1989. His research interest lies in exploring the convergence of the natural sciences with architecture. He received the Acadia Award for Excellence 2008, and is a Fellow of the Royal Society of the Arts. He has an extensive body of published work, including “The Architecture of Emergence: the Evolution of Form in Nature and Civilisation” and “Emergent Technologies and Design - Towards a Biological Paradigm for Architecture”.

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Simos Yannas has led environmental design research at the AA School since the late 1970’s and is a founding member and the permanent secretary of the PLEA international network on sustainable architecture and urban design. He has lectured in many countries and his writings have appeared in a dozen languages. His most recent publications are on adaptive architecturing, design of urban outdoor spaces, learning from vernacular architecture and refurbishing the city. He has supervised some 40 PhD and MPhil candidates to successful completion.
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