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PhD in Architectural Design 2018
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Contents

1 INTRODUCTION 5

2 KEY STEPS & STAGES OF PHD STUDY AT THE AA 6

3 PROGRAMME ORGANISATION 8

3.1 Application to AA PhD Programme 8
3.2 AA PhD Committee 8
3.3 Registration Mode 9
3.4 Programme Structure 9
3.5 Supervision & Third Party Monitoring 9
3.6 Preparation of Research Proposals 11
3.7 PhD in Architectural Design 11
3.8 Funding of PhD Studies 12
3.9 Registration with the Open University 13
3.10 Intellectual Property Rights 13
3.11 Ethics Review 13
3.12 Probation Assessment 13
3.13 Progress Monitoring 14
3.14 Dissertation Submission 14
3.15 Student Feedback 14
3.16 Appeals & Complaints 15

4 RESOURCES 15

4.1 Academic & Administrative Staff 15
4.2 Workspace 15
4.3 AA Departments 15
4.4 OU Resources 15
4.5 Induction 15
4.6 Research Teaching & Training 15
4.7 Seminars & Other Events 16
4.8 External Links 16
4.9 Research Papers & Publications 17
4.10 Training Grants & Travel Bursaries 18
4.11 Teaching Training Engagements 19
4.12 PhD Studies for AA Staff 19
4.13 Visiting Scholars 20

Appendix 1 PhD & MPhil RESEARCH PROJECTS 21

Current PhD Projects 21
Completed PhD Projects 27
Completed MPhil Projects 42

Appendix 2 PhD Supervisors 45

Appendix 3 Seminars & Other Events 2018-19 47

Symposium PhD Table of Contents 47
Michael Weinstock The Scientific Method and Design Science 48
Mark Cousins Research Methods 48
Marina Lathouri History and Language 48
Marina Lathouri What is Contemporaneity? 48
Pier Vittorio Aureli & Maria S. Giudici Domestication and its Discontents 49
1 INTRODUCTION

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 directed by Jorge Fiori. 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 Sheherazade 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. They begin 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. Current research topics and bios of PhD candidates and supervisors are listed in the Appendices and online at http://phd.aaschool.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.

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 Office (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 supervision (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 designated or prospective directors of studies to discuss their research proposal and start planning for the year ahead (see 3.5).
7. As part of their research training research students are expected to attend selected taught courses and seminars related to their research area (see 4.6-4.7).
8. A state-of-the-art paper on the area of the proposed research 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). Candidates' second supervisors' should be nominated by this stage.
9. New research proposals are submitted for OU registration by the end of candidates’ first term at the AA School (see 3.9).
10. Following OU registration, candidates embark on the formal period of study for the research degree. Registered students are provided access to OU facilities and Graduate School Network in addition to AA resources (see 4.4).
11. Research students maintain their dual registration with the AA and the OU until completion of the degree.
12. In addition to their two supervisors, registered research students are assigned a member 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).
13. Research students meet regularly with their supervisors. A log of each formal supervision meeting is kept and emailed to supervisors and copied to Graduate School office as record of agreed actions between supervision meetings.

Stage 3: Middle Year(s)

14. AA and OU registration are renewed annually.
15. 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 who are not the candidate’s supervisors (see 3.11). Successful completion of the probation period confirms candidates’ registration for the PhD.
16. In subsequent years PhD candidates submit written annual progress reports listing training and skill development activities, meetings with supervisors, participation in external events, etc. Supervisors provide their own assessments of candidates’ progress. Candidates for the PhD in Architectural Design are expected to report on design-related output that will be included in the final dissertation (see 3.12).
17. Study trips to undertake fieldwork or attend external events can be scheduled from the second year of study.

18. Third party monitoring is available to research students at all times (see 3.5).

Stage 4: Final Year

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

20. Research students preparing to submit their dissertation for examination must notify the AA Graduate School Administrative Coordinator in writing at least three months before the expected submission date. The notice must specify the submission date and final title of the dissertation and must be accompanied by a summary of the dissertation (on one side of A4) that will be forwarded to the Examiners.

21. Final submission of the Dissertation is to the AA Graduate School Administrative Coordinator (see 3.13).

22. Examiners are nominated by the AA PhD Committee on the recommendation of candidates’ supervisors. Normally there is 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 or third party monitor 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. On the candidates’ request one of their supervisors may attend the oral examination as Observer.

Stage 5: Examination

23. Copies of the Dissertation are sent by the AA Graduate School Administrative Coordinator to each Examiner well ahead of the examination date. Examiners will first assess the dissertation separately and prepare individual preliminary reports.

24. Candidates are briefed on the Examination by their supervisors. There is no direct contact between candidates and their examiners before or after the examination.

25. 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.

26. The outcome of the examination is announced to the candidate by the Examiners. Where corrections or other changes are being recommended by the Examiners, these will be identified in writing and the conditions for the submission and reassessment of the corrected dissertation will be discussed in some detail.

27. 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.

28. Supervisors are informed of the outcome of the examination.

29. Examiners will return their copies of the Dissertation to the candidate unless these are needed to check against corrected versions.

Stage 6: Post-examination

30. 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.

31. 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.
32. Corrections and amendments are agreed with supervisors before final submission 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. A further oral examination may have been requested 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.

33. Approved final copies of the Dissertation must be submitted to the Graduate Office. A minimum of four hardbound 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.

34. 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.

Candidates may obtain further information on all of the above from their Director of Studies, third party monitors, PhD Programme Director and Graduate School Administrative Coordinator. Key Open University documents that must be consulted by both students and supervisors are listed in section 3.9 below.

3  PROGRAMME STRUCTURE & ORGANISATION

3.1 PhD Committee
The AA PhD Committee oversees applications and admissions, planning of regular and special events, awarding 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 reports to 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. In 2018-19 the PhD Committee will meet on the 13th September, 25th October, 24th January and 9th May.

3.2 Admission to PhD Programme
Applications are welcome from graduates in architecture and related disciplines. Prospective applicants should normally hold a Masters degree or equivalent postgraduate qualification or have professional experience in the area of their proposed research. Enquiries should be addressed to the AA Admissions Office, PhD Programme Director, or one of the programme’s approved Directors of Studies. Applicants should be prepared to undertake an interview in person or by Skype. 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 academic and professional experience and other activities including publications.
- International applicants require IELTS 6.5 overall with at least 6.0 in each category.
• AA Application Form and statement of up to 1500 words on PhD research interests and how these relate to current areas of postgraduate research at the AA School.
• 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 or by Skype.
• Financial arrangements to cover tuition fees and living expenses for the duration of study.

Applications to join the PhD Programme are reviewed by 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 period of study; and availability of suitable supervisors.

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, continuing or completing in 2018-19 on a variety of research topics within the programme’s areas of research.

- **Research Groups**
  Thematically related projects under the programme’s research strands.

- **Joint Activities**
  Events that bring together all the different strands of the programme.

Following initial meetings with their director of studies, new research students are expected to attend selected courses 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 (see Appendix 3).

3.5 Supervision & Third Party Monitoring

All new PhD students are interviewed during induction and their supervision options and schedule of preparatory studies are discussed. Each research student is jointly supported by two supervisors, one of whom is designated as director of studies. Directors of studies are appointed from among AA teaching staff according to their supervisory experience and knowledge of candidates’ research topics. They are usually appointed upon applicants’ request at the time of being offered a place on the programme. AA teaching staff qualified to act as directors of studies or as second supervisors are listed in the Appendix. Nominations for both supervisors should be submitted to the PhD Committee for its October 2018 meeting. Supervisor appointments are confirmed at the time of approval and registration of candidates’ research proposals. 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. 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. While candidates are preparing their review paper and research proposal, supervision meetings are likely to be weekly or fortnightly. Following registration, formal meetings need to be spaced to allow time for new work to be produced. However, there should be no fewer than 10 meetings annually involving one or both supervisors. Informal meetings with supervisors occur much more frequently both in the studio and in seminars. At least once a term students should have a meeting that is attended by both supervisors.

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 a PhD. Supervisors should not be registered for a research degree themselves. Exceptions to this are 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
• be available for consultation by the student and/or the director of studies
• attend joint meetings with the student and director of studies at least three times a year.

Supervisors are expected to provide support to candidates until final completion of the degree, including continued supervision during amendments and corrections following examination.

In addition to their two supervisors each research student is assigned a senior member of AA teaching staff as a third party monitor. The role of the third party monitor is to provide independent pastoral support; identify and resolve potential problems; provide a dispassionate view if difficulties arise with the student's progress; identify resource management problems (staff time, equipment, etc). Research students are expected to 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 project’s likely contribution to the body of knowledge in the research area.
- the OU Form ARC9 which accompanies candidates’ 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 offered as an option for qualified architects with experience in design research and an interest in relating theory to 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 began extending into design research and building applications. More recently, the thematic areas for PhD research have broadened.
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 from the outset as an intention, but is not predetermined, it evolves with the research project. Modifications are declared in the annual progress reports.
- Physical models and experiments involving models should be on display at the oral examination. In most other ways the viva for a PhD in AD is the same as that of a traditional PhD.
- In addition to experience of PhD examination, examiners should be qualified to assess the role and contribution of design research in the context of a PhD. This should be assessed in terms of argumentation, explanation and justification equivalent to that of a traditional PhD dissertation, though potentially leading to a shorter text (see also 3.13 below).
- Successful candidates are 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 for the funding of their PhD studies over the entire 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 to eligible new and returning research students (see AA Academic Regulations section 15).
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 School as an Affiliated Research Centre (ARC) of the OU. Under this system AA research students are registered with both institutions for the duration of their studies. OU registration follows submission and approval of candidates’ research proposals. This begins the formal period of study which has a maximum full-time duration of four calendar years. Guidance Notes are provided by the Open University on all aspects of undertaking a research degree and these should be consulted.

OU Student Handbook  http://www.open.ac.uk/research/arc-handbook/
OU Regulations  https://help.open.ac.uk/documents/policies/research-degree-regulations
OU Forms and guidance notes for supervisors  http://www.open.ac.uk/students/research/

3.10 Intellectual Property Rights

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

- to reproduce all students’ works produced during their studies at the Architectural Association School of Architecture, 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 Ethics Review

All research involving the collection of data from human participants requires ethical 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/

Students planning to gather data from human participants as part of their research project should discuss the ethics aspects with their supervisors at an early stage. When required applications for ethics approval need to be endorsed by the director of studies and the ARC research degree coordinator.

3.12 Probation Assessment

Toward the end of the first year of OU registration, candidates are required to present a written progress report and 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 to be produced in support of their thesis. This will form part of the probationary
assessment. Any further developments are then reported in the annual progress reports submitted by candidates each academic year (see 3.13 below).

3.13 Progress Monitoring

Research students are required to maintain a record of training requirements and supervision meetings. This should be shared with their supervisors in the form of an email exchange summarising the discussions and highlighting agreed actions for the next supervision meeting and stage of the research project.

Twice a year students should have formal meetings with their entire supervisory team to review progress and plan ahead. Following successful completion of the probation review, PhD candidates submit written annual reports providing detailed accounts of all supervision meetings and skills development activities. These are supplemented by supervisors’ reports on progress achieved by the research project.

3.14 Dissertation Submission

A dissertation submitted for the Doctor of Philosophy degree must make a significant contribution to knowledge in the field of study, 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 should 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 preferably be typed single spaced and 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 not exceed the maximum word limit for a text-based thesis which is typically of 80-100,000 words for a PhD. There is no set minimum word limit for PhD dissertations.
- Examiners should be informed about the nature of the contents submitted and on how to access any electronic files that form part of the material to be assessed.
- 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.

3.15 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 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 Director of the AA School. Matters that cannot be
dealt with individually will be referred to the AA School’s Graduate Management Committee
(GMC).

3.16 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 have been 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 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 full-
time members of the AA Graduate School teaching staff qualified to act as PhD supervisors. It is
not uncommon for second supervisors to be appointed from outside the School.

4.2 Workspace

The PhD studios provide dedicated study spaces that are available to PhD students throughout
the year during both weekdays and weekends between 0900 and 2200 hours. Bookable spaces
are available around the School for other events.

4.3 AA Departments & Resources

The resources and facilities available to all AA students are described in the Prospectus. 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 including
weekends and vacation periods 0900 to 2200 hours. 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 Graduate School Network
http://www.open.ac.uk/students/research/ the extensive OU online Library and the supported
databases offering access to the contents of an extensive number of journals and other published
sources which provide 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 programme and its staff during the first weeks of the
academic year. Introductions are followed by individual interviews to discuss supervision
arrangements and plan students’ study programmes.

4.6 Research Training & Skills Development

The training and supervision of research students encompasses a number of distinct levels of
activity and engagement:
individual tuition by students’ appointed supervisors provides new knowledge and understanding, critical oversight and continuous support;

research groupings of projects under the programme’s thematic strands sharing common interests and/or working methods;

attendance of selected lecture courses, studio projects, research seminars, software workshops as part of research training and skills development;

joint events involving presentation of work in progress and bringing together staff and research students from across the thematic strands of the programme;

special events such as conferences and symposia involving staff, students and guest participants.

4.7 PhD Seminars & Other Events

PhD seminars deal with research methodology, critical reading of literature, selected research topics, presentation of research and the writing of research papers and dissertations. Topics of seminars and other events planned for 2018-19 are listed in Appendix 3.

4.8 External Links

During any given year AA PhD candidates contribute to conferences, teaching and publications within the School, as well as in other academic institutions and international events in the UK and abroad. Recent events outside the AA School have included the CAADRIA 2018 conference in Beijing and the Society of Architectural Historians Conference in Minnesota, as well as participation in the AHRA Conferences, the Photography & Architecture Conference in Pamplona, the Beijing Design Week and Nanjing International Art Festival in China, the New Zealand Institute of Landscape Architects’ Small Urban Conference in Wellington, the Future Technologies Conference in San Francisco, and the Theory’s History 196X-199X Conference in Brussels among others.
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; the University of St Andrews; the Wohnungsfrage Academy, Berlin; the Tehran Architecture Biennial Conference; Cornell University’s Rome Programme; the Ion Mincu University Bucharest, the AHRA Conference at Leeds Beckett University. Other events included 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 PLEA (Passive and Low Energy Architecture) conferences in Ahmedabad, India in 2014, Los Angeles in 2016 and Edinburgh in 2017 among others.

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 was continued by Sofia Krimizi. John O’Mara 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.

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 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 Training & Travel Bursaries

Training bursaries may be available to PhD students in various areas of PhD activity including archival, computational and design research. Travel bursaries are available to present work at external events in the UK and abroad. Students should seek advice PhD from their director of studies in the first place. Applications should be addressed to the PhD Committee. Enquiries for training bursaries include a letter of intent, a 150-300 word abstract of the proposed training activity or research paper, a letter of acceptance of the applicant for the training activity or other event, 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 support that may be provided by the programme and/or other departments of the AA School. Students receiving these bursaries are expected to submit a written account of the activity /event as well as copies of any 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
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 / Research Engagements

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

- 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 students who exceed four years of registration for the degree will not be permitted to take-up or continue employment.

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

### 4.12 PhD Studies for AA Staff

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

**Qualifying Criteria**

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

**AA Employment**

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

**Application for PhD Studies**

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

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

### 4.13 Visiting Scholars

Visiting doctoral and post-doctoral scholars from other institutions may apply to join the AA PhD programme or one of the postgraduate Design Studios for study periods of 3-6 months. Enquiries should be addressed to the AA Admissions Office.
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 Projects, Completed PhD Projects listed by academic year and Completed MPhil Research Projects. New PhD Research Projects due to start in October 2018 will be added following candidates’ registration of the research proposals.

PhD Projects Continuing in 2018-19

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 Sheherazade 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.

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),
Stasis: Towards a Critique of Flexibility in Architecture
Supervisors: Dr Pier Vittorio Aureli, Dr Maria Sheherazade 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: Mark Cousins, Dr Mark Morris
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 to 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 were forced to formulate architecture and building practice for the East-Indies (presently Indonesia), while 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 relationship 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.

KANYAPHORN KAEPRAESERT
The Forest as a Topos
Supervisors: Mark Cousins, Dr Chittawadi Chitrabongs, Emmanuel Verbruysse
Symbolically the forest is a topos whose physical boundaries are secondary. It is also a domain of experiences and of special kinds of emotional characters that provoke an emergence of transformations. The thesis proposes to combine the cultural significance of the forest with its cultural analysis using materials drawn from children stories, poetries and other representations of forests in popular culture. It will draw on English and Thai cultures and will attempt a comparative study of the forest in these two quite different cultures.

KORNKAMON KAEPWRASERT  
*Wood as a Symbolic Material*  
Supervisors: Mark Cousins, Dr Chittawadi Chitrabongs, Emmanuel Vercruysse  
The thesis studies relations of wood and symbolism dating from pre-industrial periods when wood was a central material, to the industrial revolution when its symbolic value exceeded its material properties. Wood has been appropriated to human culture. This thesis will explore its symbolic meaning through translations from symbols to objects and a comparison between British Oak and Thai Teak.

SOFIA 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, travelling became a radical form of architectural pedagogy that offered both the invention of knowledge as well as the mythology of discovery.

Mohammed Makki  

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.

GILI MERIN (PhD in Architectural Design)
Towards Jerusalem: The architecture of pilgrimage
Supervisors: Dr Pier Vittorio Aureli, Dr Maria Sheherazade Giudici
The thesis studies the ritualised travel to the city of Jerusalem. It explores how the mentality of pilgrims and the scenography of pilgrimage have produced, since the fourth century AD, particular structures, landscapes, and representations. Through various case studies — both in and outside Jerusalem — the thesis will analyse themes such as the fabrication of sacred landscapes, the politics of collective memory, and the subtle violence that is embedded in the heritage project.

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.

ELENA PALACIOS CARRAL
The (Artist) Studio and the House
Supervisors: Mark Cousins, Dr Maria Sheherazade Giudici
The thesis deals with the relation between the artist’s studio and living arrangements from the second half of the 19th century onwards in Western Europe and the US. It seeks to describe the tension between these spaces with evidence drawn from documentation of studio spaces that have been conserved and exhibited, photographs, artist’s private papers, novels, films and paintings. It is expected that the study will stand as a very clear example of the fact that subjects and architectural space do not fit together in the way that architects think.

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 which nevertheless have 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 Sheherazade 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.

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 SHOWKATBAKSH (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.

AYSE AYLIN TARLAN (PhD in Architectural Design),
The position of figure and ground in architectural representation
Supervisors: Dr Pier Vittorio Aureli, Dr Maria Sheherazade Giudici

DAMNOEN TECHAMAI
Wedding Spaces:
The Making of Contemporary Thai Wedding Ceremony
Supervisors: Mark Cousins, Dr Chittawadi Chitrabongs
The study aims to investigate the contemporary wedding in Bangkok, Thailand, which is categorised as one of a hybrid culture – a mixture of western and traditional Thai culture - in at least three aspects: ritual objects/spaces, process and reality. By using hybridity as a key concept to explore contemporary Thai weddings, together with searching for and collecting specific descriptions of the wedding objects such as wedding photography, dresses, cakes, flowers, catering, shelters and ritual process, the thesis will 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 with 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 Projects

2018

NIHAL AL SABBAGH
Urban Design and Outdoor Thermal Comfort
Supervisors: Dr Simos Yannas, Dr Paula Cadima
The study aims to improve walkability, prolonging the distances that can be travelled by pedestrians in warm urban climates at different times of the year. Fieldwork was undertaken in Dubai for the urban communities of Greens and Jumeirah Lakes Towers. In combination with computational simulation studies the project has identified design measures leading to significant improvements to pedestrian movement in the city.

GABRIEL FELMER PLOMINSKY
Low-Energy Dwelling Prototypes for Different Regions of Chile
Supervisors: Dr Simos Yannas, Dr Paula Cadima
Field measurements and simulation studies investigating alternative designs and construction techniques have demonstrated that acceptable environmental conditions can be achieved in new dwellings without the use of conventional energy fuels. The outcome is an affordable, low-carbon construction system of cross-laminated timber panels suitable for a variety of configurations.

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 examines 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.

ARTURO REVILLA (PhD in Architectural Design), Plastic. The use of everyday materials as a design tool for the understanding of contemporary urbanization.
Supervisors: Dr Marina Lathouri, Brett Steele
This thesis examines the impact that the everyday use of materials such as plastic has had in the configuration of the physical environment, aiming to explore the relationships and synergies between urbanization processes and architectural design. The research looks at Fernand Braudel’s concept of ‘material civilization’, which reveals daily discrete material manipulations as key for the development of civilization. The project initiated three design interventions that exhibited urbanization as highly influenced by the complexity generated around consumption, disposal and everyday material manipulation processes.

RICARDO RUIVO PEREIRA
Architecture and Counter-revolution: The Ideology of the Historiography of the Soviet Avant-garde
Supervisors: Mark Cousins, Dr Pier Vittorio Aureli
The thesis produces a history of the Western historiography of Soviet architecture, looking at its trends and the evolution of its narratives. It focuses on the development of historiographical categories and their transformations, as an exercise of what Reinhart Koselleck calls conceptual history, framed as a Marxist critique of ideology. It frames a persistent link to the present from the Soviet “avant-garde” as an ideological projection of meanings the Western historiography of Soviet architecture produces over its own geo-political reality, where “the avant-garde” as a meta-category is itself constructed of legitimation of Western presents.

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, through design projects, to 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.

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
founding 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.

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.
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.

ARTHUR AW
The Diagrams of Workspace Neighbourhood - Hidden Patterns and New Relationships of Innovation Environments
Supervisors: Lawrence Barth, Jorge Fiori
There is a transformation in the concept of developing innovation environments that reflects the shift in its intrinsic reasoning from economic to urban. Thus, this thesis proposes the new concept of the workspace neighbourhood as a strategic enabler for the architecture of a new generation of innovation environments; it is at once diagrammatic and typological, and is not only economically motivated by the innovation activities of the industry clusters, but also socially and culturally inspired by the daily life of the innovation communities. Workspace Neighbourhood places the strategic roles of architecture right at the intersection of real estate and urban traditions, and it establishes the key idea of a workspace centric urban neighbourhood as the cornerstone of developing a new generation of innovation environments. PhD completed 2016.
MERATE BARAKAT  
PhD in Architectural Design  
*Sonic Urban Morphologies: Towards Modelling Aural Spatial Patterns For Urban Space Designers*  
Supervisors: Dr George Jeronimidis, Dr Michael Weinstock  
The design-based contribution of this research project is the development and calibration of a computational design aid that can predict qualitative patterns of aural spatial perception, and translate them into spatial attributes of a modelled urban space. The tool produces spatial patterns as representations of the distribution of sound energy of predicted acoustic spaces and the intermediary domains between them. The fields of computation simulation, soundscape, and psychoacoustics inform the structure of the tool, the input parameters, and the testing and validation processes this research adopts. PhD completed 2016.

COSTANDIS KIZIS  
*Modern Greek Myths- National Stereotypes and Modernity in Post-war Greece*  
Supervisors: Dr Marina Lathouri, Dr Sokratis Georgiadis  
The thesis examines the architectural discussion on modernity and national identity in post-war Greece. In particular it focuses on four cases that try to reconcile national stereotypes with modern ideas and reflect the problematic process of absorbing modernity. Each case is examined in a separate chapter and each chapter is concerned with a distinct aspect of the myths of Greekness, which appear in the work and discourse of the four main architects - protagonists of the thesis: Aris Konstantinidis, Eero Saarinen, Alexandra Moreli 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
AA PHD PROGRAMME

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 Papaetropis
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.

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 extensions 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 device 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 OOLORIZ**  
*Projecting Technology: Systems of Production in 1950s and 60s Spanish Architecture*  
Supervisors: Marina Lathouri, Carlos Naya  
This thesis reflects on the relationship between technology and architecture. In particular, it explores how mass-production and industrialisation in the decades after World War II not only transformed production and construction, but also reconfigured the practice of architecture. Through the analysis of new methods of construction in Spain during the 1950s and 60s, the investigation examines the concept of component design and the resulting production systems from a material, structural, formal and spatial perspective. PhD completed in 2012.

**FEIFEI SUN**  
*Achieving Suitable Thermal Performance for Residential Buildings in Different Regions of China*  
Supervisors: Simos Yannas, Rosa Schiano-Phan  
The purpose of this research was to identify new technologies and applications of existing practices that can significantly improve energy efficiency and indoor thermal comfort of new residential buildings in China. The study investigated and presents this potential for each of the country’s five climatic regions. PhD awarded 2012.

**ENRIQUE WALKER**  
*The Infra-Ordinary City: George Perec's Lieux Project*  
Supervisors: Mark Cousins, Hugo Hinsley  
PhD completed in 2012.

**2011**

**KATHARINA BORSI**  
*Urban Domestic: The Diagram of the Berlin Block*  
Supervisors: Lawrence Barth, Mark Cousins  
PhD Awarded 2011

**EVA EYLERS**  
*Hygiene and Health in Modern Urban Planning: the sanatorium and its role within the modernist movement*  
Supervisors: Marina Lathouri, Anthony Vidler
The main question centres on the migrations of the programmatic typology of the sanatorium, its engagement with the city and its instrumental role in the debates on the planning of the modern city. Using this specific building type as an analytical device, and considering the medical and psychological conditions posed by the modern metropolis - of which the sanatorium is a product of and a response – this research discusses how the tuberculosis sanatorium provided a cure not only against TB, but against diseases associated with the experience of the city. PhD Awarded 2011

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

JOSE ZAVALA
Towards a multidimensional approach in the design of housing policies
Supervisors: Jorge Fiori, Ronaldo Ramirez
PhD awarded 2011.

2010

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

PABLO LEÓN DE LA BARRA VARGAS
Art and Architecture: the creation of space and place in contemporary art
Supervisors: Mark Cousins, Jorge Fiori
PhD Awarded 2010

CHITTAWADI CHITRABONGS
The politics of dressing up
Supervisors: Mark Cousins, Marina Lathouri
The thesis documents the process of hygiene reforms carried out by King Rama V of Siam who reigned from 1868 until 1910. King Rama V was aiming to increase the royal authority in Bangkok by imposing his distinctive ideas of order and neatness, willing to import and use objects and practices from the west. The argument of the thesis is that Rama V’s reform was not ‘westernization’ but a highly developed fantasy. PhD Award 2010.

VALERIA GUZMÁN-VERRI
Graphic form as a system of regulation
Supervisors: Mark Cousins, Marina Lathouri
The thesis explores the rise of a series of printed forms, which start to formally organise ways of thinking across a number of fields of knowledge in the nineteenth century. It argues that the
systematic use of statistical and numerical data together with its forms of representation developed a certain typography in which modern architects, urban planners, sociologists, economists and administrators were captured.

PhD Awarded 2010

NIKOS KORONIS
The Total Work of Art in Modern Architecture
Supervisors: Gordana Korolija Fontana-Giusti & Marina Lathouri
PhD Awarded 2010

KIRK WOOLLER
Changing the Criteria for Innovation: The Architecture Magazine as a Project, c.1956-2006
Supervisors: Marina Lathouri, David Dunster
This dissertation explores the diminishing role of judgement in contemporary architectural writing and the implications this has for the innovation of architectural knowledge. Focusing on the historiographical argument that the architecture magazine provides a site for innovation, the thesis explores particular architectural publications over the last fifty years, taking the publications of Reyner Banham and Rem Koolhaas as case studies of a transition from 'architectural criticism' to 'architectural intelligence'. The research shows how a decreasing presence of judgement disables the possibility of readers taking a position either for or against what is being registered in these publications. PhD Awarded 2010

2009

DERIN INAN
From Cartography to Master Planning
The Ankara Plan: an index of urban discourses in early twentieth century Turkey.
Supervisors: Marina Lathouri & Mark Cousins
Awarded 2009

2008

PEDRO IGNACIO ALONSO
The Architecture of Assemblage in the Rhetoric of the New Construction: between the expanded meaning of construction and the turning point of building
Supervisors: Marina Lathouri & Mark Cousins
PhD Awarded 2008.

CLAUDIO ARANEDA
Dis-Information in the Information Age City: the size of the American block as an urban anachronism
Supervisors: Jorge Fiori & Hugo Hinsley
PhD Awarded 2008.

KAARINA-NANCY BAUER
Heinrich Wölfflin
Supervisors: Mark Cousins & Dalibor Vesely
Awarded 2008

HUA LI
‘Chinese Architecture’ + ‘Western Architecture’: A false dichotomy
Supervisors: Mark Cousins & Stephan Feuchtwang
Awarded 2008.
2007

DULCE MORENO MARQUES DE ALMEIDA
The Effect of Microclimate on the Design of Pedestrian Areas in Cities
Supervisors: Simos Yannas & Peter Sharratt
Awarded 2007

MANUELA ANTONIU
On Hunger and the Phagic in Architecture
Supervisors: Mark Cousins & Anton Schutz
PhD Awarded 2007

MARCELO A. ESPINOSA MARTINEZ
Architecture of negative realities: a discussion about holes in the production of contemporary architecture
Supervisors: Mark Cousins, Marina Lathouri
PhD awarded 2007

2006

JOHN ABELL
Desiring Spatialities – Architectural Effects: On the Architectural Exposé of Psychosexual Empathy, Form and Space
Supervisors: Mark Cousins & Simos Yannas
Awarded 2006

RACHEL MCCANN
The Intercorporeal Experience and Design of Architecture
Supervisors: N. Leach / M. Cousins
Awarded 2006

2005

JAMES FISCHER
An Expansion of the Professionalism of Pierre Charles L’Enfant and its Re-usage by later American Architectural Professionals
Supervisors: Mark Cousins & Simos Yannas
Awarded 2005

NUTTINEE KARNCHANAPORN
Fear as a cultural Phenomenon in Thailand with Special Reference to the Spatial Relations of Domestic Architecture
Supervisors: M. Lathouri / M. Cousins
Awarded 2005

SOLANGE GOULART
Thermal Inertia & Night Ventilation
Supervisors: Simos Yannas & Peter Sharratt
Awarded 2005

ROSA SCHIANO-PHAN
The Development of Passive Downdraught Evaporative Cooling Systems Using Porous Ceramic Evaporators and their Application in Residential Building
Supervisors: Simos Yannas & Brian Ford

INES WEIZMAN (GEISLER)
The Disappearance of Everyday Life in East Germany Since Reunification.
Supervisors: Mark Cousins & Simos Yannas
Awarded 2005
JOSE BRANDAO
The Role of Urban Design in Strategic Planning: The Case of Rio de Janeiro
Supervisors: J Fiori / H Hinsley
Awards: 2004

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
Awards: 2003

HELENA MASSA,
Urban Aerodynamics: The Potential of Convective Mechanisms in the Cooling and Ventilation of Urban Microclimates
Supervisors: Simos Yannas & Peter Sharratt
Awards: 2003

ARIADNE VOZANI
The Architectural Correspondence of Space and Speech in Tragedy
Supervisors: M. Cousins / OP Taplin
Awards: 2003

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 Awards: 2002

GUILHERME QUINTINO,
Vernacular Architecture in South Western Portugal
Supervisors: Simos Yannas & Peter Sharratt
Awards: 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
Awards: 2001

ANDY SISWANTO,
Urban Design and Enablement: A Study on Indonesian Inner City Housing Redevelopment
Supervisors: J Fiori / B Mumtaz
Awards: 2002

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
Awards: 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 ideas and form in late nineteenth century*
Supervisors: R Landau
Awarded

GERARDO PUENTE
*Min><Max/Mass. Social Architecture and Domestic Environment @ Solutions to Housing in Mexico*
Supervisors: L Barth / J Fiori
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 SUPERVISORS

Pier Vittorio Aureli  MArch PhD
Unit Master Diploma School, PhD Director of Studies
Co-founder of Dogma, Visiting Professor Yale University, author of *The Possibility of an Absolute Architecture* (2011).

Paula Cadima  DiplArch PhD
Co-director MA/M Sc Sustainable Environmental Design, PhD Supervisor.
Worked for the European Commission in Brussels and chaired the Environment & Sustainable Architecture working group of the Architects’ Council of Europe. Founding Director of MPhil Programme Bioclimatic Architecture at the Technical University of Lisbon.

Mark Campbell  BA BArch (Hons) MA PhD
Course Tutor MArch / MSc Design & Make, PhD Supervisor
Studied architecture at Auckland University, New Zealand. Fulbright Scholar Princeton University.

Mark Cousins  BA(Hons) MA
Director of History and Theory at the AA, PhD Director of Studies.
Visiting Professor Southeast University Nanjing, China.

Jorge Fiori  BA MSc
Director MA / MArch Housing & Urbanism, PhD Director of Studies.
Sociologist and urban planner specialising in housing and urban development, focusing on interplay of spatial strategies and urban social policy.

Fabrizio Gallanti
Lecturer McGill University, Montreal, PhD Supervisor.

Maria Shéhérazade Giudici  MA MArch PhD
Unit Master AA Diploma School, Lecturer MPhil Projective Cities, PhD Supervisor
Founder of publishing platform Black Square, Coordinator of History and Theory at the Royal College of Art.

George Jeronimidis  Dottore in Chimica
Director Centre of Biomimetics Reading University, PhD Director of Studies
Professor (Emeritus) Composite Materials Engineering.

Marina Lathouri  MA MArch (Hons) MPhil PhD
Director MA History & Critical Thinking, PhD Director of Studies
Has lectured at Cambridge University, the University of Pennsylvania, Universidad de Navarra, Spain and the Universidad Catolica in Santiago, Chile. Co-authored *Intimate Metropolis: Urban Subjects in the Modern City* and *City Cultures: Contemporary Positions on the City*.

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Prof. Murray Fraser  University College London
Prof. Joan Ockman  University of Pennsylvania
Appendix 3  PhD Seminars & Other Events

Symposium  PhD Table of Contents  Friday 5 October 2018  AA Lecture Hall 2:00pm,

Following the January 2018 Symposium “What is PhD by Design?”, the “PhD Table of Contents” Symposium proposes to examine ongoing doctoral research projects through the lens of their individual structure outlines and methodologies. In regard to what constitutes its methodological canon, architecture is lacking consensus. Within social sciences, research can draw from a predominantly qualitative approach. Within natural sciences, research can draw from a predominantly quantitative approach. However, the field of architecture seems to be missing a unilaterally agreed upon body of techniques for investigating phenomena, acquiring, correcting, and integrating knowledge. The field draws from others. As such, it requires more reasoning for why a specific technique should be employed over another. So, ironically, one could say that research in architecture is forced to be unusually ‘disciplined’, precisely because the argument for method needs to be made every time. The field predominantly regards method as implicit (‘Architecture is drawing!’) and at the same time as very open (‘Everything is architecture!’). This contradictory circumstance is rarely addressed.

The Ph.D. Table of Contents Symposium is based on the premise that a closer look at the production processes of individual projects enables a conversation on how different modes and stages of research relate to individual sets of techniques and spaces of production: the repository, the field, and the studio. The presentations shall not only highlight the individual doctoral students’ structure outlines but also expand upon how their individual methodologies are conceived and implemented.

We will approach students again with the final brief and date (October 5) soon in the coming days and, we hope, they will confirm their attendance by the time AA opens again (around 10 students have confirmed already). We are also working on the poster with a similar format as the first event and will send it to you as soon as possible.

Regarding the themes, we are proposing the repository, the field, and the studio. We will define the presentation orders according to a preliminary grouping that we will do amongst ourselves, but of course all students can touch upon all three categories within their presentations based on their research methodologies. We are not quite sure about this part, please feel free to suggest a different format. Each theme will have a chair (can be a Ph.D. supervisor or a tutor with a similar research interest from other part of the school) but we will invite all Ph.D. supervisors as respondents (and hope they will attend) to have a constructive discussion after each presentation. We will send the invitation to all Ph.D. supervisors with the preliminary list of participants as soon as the poster will be ready.

Organising Team: Elif Erdine, Lukas Pauer, Milad Showkatbakhsh
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; and 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&6 Invited guests to present completed research projects.

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.

Marina Lathouri  *History and Language* Term 1
Through the close reading of specifically selected texts, this seminar queries terms, concepts and historiographical categories in the context of various arguments. The objectives are:

- To develop a critical understanding of the various, and often conflicting, ways in which histories came to be constructed.
- Link these developments in historiography to wider social and political currents as well as material and visual practices.
- Read critically in order to evaluate complex arguments and theories.
- Present conclusions and interpretations about that reading in an informative and well-organized oral presentation.

Marina Lathouri  *What is Contemporaneity?* Term 2
This series is a joint PhD and MA in History and Critical Thinking seminar, which aims to provide a venue for the exchange of ideas and arguments. 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 questions will be discussed from different standpoints.

Guest speakers will be invited 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. The debates are open and will conclude with presentation and discussion of students’ on-going research work.

Pier Vittorio Aureli & Maria Shéhérazade Giudici  *Domestication and its Discontents*
A History of Human Settlements
‘City/Architecture’ PhD Programme Open Research Seminar, Autumn 2018

The seminar focuses on the history of settlements from prehistory to today seen from the perspective of one of the most controversial issues of human history: the process of domestication. By domestication we mean the complex of practices that construct consensus and thus social order. Far from being expressed in clear ideological terms, domestication is rather a diffused force that shapes our life, orients our behaviour, and controls shared knowledge.

We assume that domestication begins with the passage from mobile to sedentary forms of life, a passage that has not yet been completed. Domestication thus coincides with the building of stable social structures within which human life itself is administrated. Within this process, architecture enables, directs, influences, includes, excludes, solicits and, above all, constrains. Often taken for granted, these fundamental operations are architecture’s most important contribution to domestication. Here the politicization of architecture is no longer ‘discursive’ but it is embedded in the very material constitution of its elements: walls, passages, rooms, houses, streets etc.

As archaeologists, anthropologists and historians have argued, this process was anything but pacific. The introduction of stability implied possession of land, which in turn created hierarchical relationships, uneven distribution of resources, and colonialism. Central to the issue of domestication is the moment in which a community settles and thus appropriates a territory in a permanent way. This process has taken a myriad of forms, the most problematic of which is the state form. Within state formations, settlements and domestication became part of a large-scale device that Lewis Mumford defined as ‘Megamachine’, that is to say systems in which technology, economy and politics converge into a single apparatus capable of subsuming and making uniform any individual value judgment.

In the seminar we will trace a critical history of these formations by looking at different forms of settlement: from the village to the city, from the land subdivision to military camp, from the town to the colonial outpost. The concept of domestication will allow us to construct an alternative history of city making seen through the lens of the domestic practices of appropriation and life management. In fact, the domestic sphere is not limited to the house per se, but will rather be used, in our seminars, to define the relationship between life and economy. In this sense, domestication encompasses processes that go from agriculture to colonization, industrialization, and extraction of resources. Ultimately such vantage point will allow us to problematize the omnipresent category of the ‘urban’ and look at how daily rituals often become the fundamental conduits of governmental power.

Registration: The seminar is open to PhD, Master, Diploma, and Intermediate level students. Classes have limited capacity and students will be admitted in a one to one basis. All students must register their intention to attend.
Schedule: All sessions will take place in the PhD room at 2.30 on Wednesday; see specific dates below.

Sessions:

10th October
Village
Architecture and the Rise of Sedentary Forms of Life
Readings:

17th October
City
Early Cities in the Near East and Indus Valley

24th October
Town
Planned Settlements in Ancient Egypt and China
Suggested Readings:

7th November
Grid
The Principle of Rectangular Subdivision in Ancient Greece and Rome
Suggested Readings:
14th November  
**Monastery**  
The Domestication of Landscape in Late Medieval Europe  
Suggested Readings:  

21th November  
**Capital**  
The Emergence of Domesticity in the Early Nation States  

28th November  
**Enclosure**  
Colonial Appropriation from Europe to Asia and the Americas  
Marsely L. Kehoe, Dutch Batavia: Exposing the Hierarchy of the Dutch Colonial City in JHNA 7.1 (Winter 2015), DOI: 10.5092/jhna.2015.7.1.3  

5th December  
**Park**  
Greening and Primitive Accumulation in the Modern Western City  
Suggested Readings:  