PhD School of the Politecnico di Milano
Regulations of the PhD Programme in:
Architectural, Urban and Interior Design - PAUI
Cycle XXXII

Location: Milano Leonardo
1. General Information

PhD School of Politecnico di Milano

PhD Programme: Architectural, Urban and Interior Design

Location of the PhD Programme: Milano Leonardo

Subjects (SSD):
- Architectural and Urban Design (ICAR/14)
- Interior Design (ICAR/16)
- Architectural History (ICAR/18)
- Architectural Technology (ICAR/12)
- Urban and Landscape Planning (ICAR/21)
- Aesthetics (M-FIL/04).

PhD School Website: http://www.polimi.it/phd

PhD Programme Website: http://www.dastu.polimi.it/index.php?id=1173

2. General presentation of the PhD Programme

The Ph.D. programme promotes studies and research projects concerning the architectural design at different scales –the urban space, the building, the interior space– enhanced by the analysis and interpretation of the contexts, the investigation of history, theory and critical explorations of architectural design, and an open dialogue with the different disciplinary skills called to deal with the complex development of contemporary architecture.

The aim of the Ph.D. programme is the definition of theoretical and operational tools to foster the development of a critical approach to the understanding of the complexity of buildings and spaces, as well as to acknowledge the concise and strategic values of design in constructing connections between formal structures, utilitarian contents and functional requirements of architectural works and their contexts.

The PhD Program takes advantage of the rich research milieu of the Department of Architecture and Urban Studies (DAStU) and of the cooperation with two other PhD Programs held at DAStU (‘Urban Planning, Design, Policies’ and ‘Preservation of the Architectural Heritage’).

DAStU, as a structure of thematic and interdisciplinary research, works in the field of architectural and urban projects, spatial planning and territorial governance, urban policy, conservation and intervention on heritage and natural environment, historical and critical interpretation of architecture, city and territory. The Department carries out research and field work on transformation, care and government of historical and contemporary settlements and landscapes, based on principles of environmental, social and economic sustainability.

It is one of the most important research structures in Italy in town and country planning, embedded in
a well-established international network of centers of excellence, and opened at forms of cooperation with institutional and social actors at the local, national and international level. The basic research structure of the Department is represented by Laboratories, that test new methods and teaching techniques and aggregate teachers, researchers, staff and external collaborators into 4 Research Lines: architecture, planning, human science, history representation and restoration, town planning. Thanks to its multidisciplinary approach, it is able to offer expertise and projects to a plurality of subjects and organizations, such as European, national, regional and local authorities, social and economic groups, research institutions.

The PhD Programme in Architectural, Urban, and Interior Design aims at being a specific venue for the promotion of studies and research on the aforementioned theoretical, methodological and operational reconstruction through the proliferation of theoretical concepts and field experiments as well as on the verification of an effective match between the same.

The PhD Programme pursues a line of research focused on the relation between theoretical and operational practice in architectural and urban design through the integration of:

- Research on architectural, urban and interior design paradigms (theory, history, philosophy, critique) where in-depth analysis of the contents of specific disciplines is dialectically juxtaposed with the necessary connections with parallel outlooks and skills, the integration of which appears necessary for development of the core problems;
- Applied design research, in which design is considered as the driver and the result of a research program to be pursued as the development of a problematic assumption, the result of a knowledge process aimed at interpreting the contextual reasons and identifying a critical path strongly related to theoretical statements and sample thematic reference structures.

According to this methodological procedure, the PhD Programme in Architectural, Urban, and Interior Design aims at training researchers and professionals specifically qualified to meet the new problematic domain and formulate appropriate responses through development of the required theoretical, methodological and operational tools.

**Research topics.**

Within the 32\textsuperscript{th} PhD Programme the following subjects are proposed:

1. Architecture of public spaces and urban design: methods and tools for the design of the ground surfaces in all their articulation; detailed definition of open space morphology and equipment; architecture of public buildings: typology, composition, structure and interiors;
2. Regeneration and reuse of urban fabrics: architectural design tools and methods for a sustainable approach to built environments;
3. Design of living spaces and social housing: analysis of dwelling models; historical and current transformation processes; future models and structures of individual and collective living places, with a special focus on the relationship between interior space and furniture;
4. Environmental control and individual well-being: design criteria and tools; simulation and monitoring of the microclimate and environmental comfort (energy aspects, lighting, ergonomics, etc.);
5. Museography and exhibition design: architectural design of museums; display and communication systems; museums, territory, landscape; virtual museum;
6. Landscape architecture: analysis and coordination of cultural, architectural and environmental
resources for the enhancement of contemporary territorial man made transformations; study design and testing of the relationships between transport infrastructures and landscapes;
7. New scenarios: multi-scalar, multi-cultural and interdisciplinary nature of contemporary architectural, urban and interior design; innovative typological, spatial and formal models; hybridizations and "neo-places"; dynamics of space-society relationships; the role of cultural heritage in the age of globalisation, migrations and multiculturalism.
8. Theory, history, philosophy and critique of architectural, urban and interior design.

All candidates will be admitted with the basic departmental scholarships, and the specific research subject will be assigned, with the agreement of the candidate and the Board of Professors of the PhD Programme, within the first years of the PhD activity.

3. Objectives

The models and paradigms affecting the development of Western cities during the Industrial Revolution and the subsequent reforms generated in the 20th century in order to meet their specific transformation dynamics seem inadequate to control the current phase of transformation of cities, which features two important aspects:
– The irreversible decline of the built-up model, linked to the concept of consolidated urban polarity ‘development’, raising the problem of finding innovative and more advanced models;
– Space and built-up area de-formation phenomena, accelerated by the proliferation of road, transportation and technological infrastructures which, despite their articulated interconnections, lead to segregation, fragmentation and homologation effects of these areas, deleting the characteristic wealth of their architectural, urban and environmental structures.
– Multiethnic and multi/trans cultural structure of contemporary societies

The complexity of phenomena affecting sprawling metropolitan areas in and outside Europe, requires architectural and urban disciplines to critically review and the consequent attunement of architectural design theoretical, methodological and application tools in the direction of their inevitable actualization in order to properly identify the transformation and residential dynamics of contemporary cities, aiming at a different approach to the interpretation of the morphology of territories, urban fabrics and architectures, to the definition of typological, utility and communications contents as well as to the technical implementation consistency and the levels of artificiality involved in designing new spaces and artificrafts.

Therefore the PhD Programme theoretical and design research analyzes the following problem areas:
– Identification of the scales involved in architectural and urban design, historical poles, the consolidated city, internal urban borders and in peri-urban areas where disintegration of the landscape requires a new design of its open spaces;
– Definition of prototypes for new urban functions, design methodologies for new morphological relations between fabrics and networks, regeneration and transformation of diffuse built-up areas and definition of open and built-up public spaces;
Landscape qualification of large network infrastructures highlighting, in particular, the perception and liveability issue of mutual and separated environments of natural landscapes and technical environments.

Subject-related issues concerning architectural analyzing and planning suitable scales and in different areas:
- Theory and history: basic principles of architecture and design; evolution of content, methodologies and planning concepts in different ages and cultural realities, with particular analysis of contemporary issues;
- Interior design issues (architecture, furnishing, decoration, stage-designing, exhibition design fitting, museography, furniture production);
- Housing models: history, new trends and future orders of housing (private and common dwellings; public, company and autonomous working precincts; cultural, social, health, sports and leisure services and facilities, open urban area services and structures) in relation to social, economic and cultural developments, technological and informational innovation and formal and aesthetic issues;
- Architectural space: structure, composition and quality of urban and building space, its connection with the context and its organization; nature and features of sheath and space fitting, and their connections;
- Environment: features, methods and tools for planning, simulation and monitoring of micro-climate and environmental comfort; study of aerodynamic, material, ergonomic, energy and lighting aspects;
- Furnishing elements: typology, morphology, technology;
- Spatial, material, chromatic, tactile and ergonomic value of furnishings and objects; analysis of their connections and relationships with space and surfaces.

4. Professional opportunities and job market

The Programme is aimed to train and prepare highly qualified researchers and professionals, who will work in academic institutions, research centers, public administrations, as well as in the private sector, in the different fields of architectural, urban and interior design.

- Researchers with an excellent scientific profile in the field of complex urban context redevelopment and transformation design interventions;
- Managers in public organizations and agencies at different institutional levels, with a focus on design interventions control/evaluation and/or program development;
- Independent professionals qualified in the management of highly complex design processes;
- University researchers and lecturers in the scientific fields of the PhD Programme.
- Designers with tasks of high responsibility in institutions and professional structures and leading manufacturers, engaged in traditional residential and special utilities, office, cultural institutions (museums, libraries, universities, schools, cultural centers), public and private services, commercial networks, accommodation and leisure;
- Interior consultant in the areas mentioned above with a high level of innovation in technology skills, ergonomics, energy conservation, lighting, and corporate image;
- Researcher and lecturer in the field of Interiors for the needs of higher education scientific and educational institutions and universities, most notably the new levels of graduate school of architecture, building engineering - architecture and industrial design;
- Programmer and designer of scientific restoration and enhancement of historic buildings involving the field of interiors;
- Promoting the project to research and development agencies and centers or public institutions operating in the field of furnishing products, capable of processing and managing local and international cooperation programs with a significant socio-economic value, which involve the coordination of business institutions and the development of experimental and applied research projects at various levels, including cultural aspects of growth and dissemination of knowledge both in the production context and on the social front.

5. Enrolment at the PhD Programme

5.1 Admission requirements
Italian and International citizens can apply. They are requested to have graduated in accordance with the pre-existing laws D.M. 3.11.1999 n. 509, or to have a Master of Science degree in accordance with D.M. 3.11.1999 n. 509, or a Master of Science in accordance with D.M. 22.10.2004 n. 270, or similar academic title obtained abroad, equivalent for duration and content to the Italian title, with an overall duration of university studies of at least five years.
The certified knowledge of the English language is a requirement for admission. Please refer to the PhD School website for details.
The admission to the programmes will be established according to the evaluation of the candidates' curricula, motivation letters, and an illustrative report about the development of a possible PhD research, which candidates will send contextually with their application to the admission announcement.

5.2 Admission deadlines and number of vacancies
The number of vacancies is indicated in the Call for admission to the 32° PhD cycle Programmes: http://www.polimi.it/phd
Scholarships both on general and on specific themes are available, in accordance with what is specified in the call for admission.

6. Contents of PhD Programme

6.1 Requirements for the attainment of the title:
The achievement of the PhD title in Architectural, Urban and Interior Design requires a study and research activity of at least three years equivalent to full time study, research and development of PhD thesis.

The PhD in Architectural, Urban and Interior Design requires 35 credits from PhD level courses to be acquired as indicated in the following paragraph 6.3
The PhD Programme in Architectural, Urban and Interior Design includes acquisition of additional credits (max. 25) for the following activities: participation in design workshops in Italy and abroad, speaking at national and international conferences, and participation in research activities in the department and abroad (internship activities).

6.2 Development of the research and of the PhD thesis

The main aim of all Politecnico di Milano PhD programmes is the development in the candidates of a research-oriented mind-set, with expertise and skills in a specific research topic. To this end, candidates develop a problem-solving capability in complex contexts, including the capacity of performing deep problem analysis, identifying original solutions, and evaluating their applicability in practical contexts.

These skills provide the PhD candidates with major opportunities of development in their research both in the academic field, and in public and private organisations.

PhD candidates are requested to develop an original research contribution. The PhD thesis must thus contribute to increase the knowledge in the candidate’s research field. Besides, it has to be coherent with the research topics developed in the Department where the PhD Programme is carried out.

The original research results are collected in the PhD thesis, where the candidate’s contribution is put in perspective with respect to the research state of the art in the specific research field.

The PhD research is developed under the guidance of a supervisor, who supports the candidate in the setting-out and in the everyday activities related to the thesis development. The supervisor is not necessarily a member of the Board of Professors, and may also belong to an institution different from Politecnico di Milano. The supervisor can be supported by one or more co-supervisors.

To develop the capability of carrying out research activities, candidates must earn a minimum of 35 credits from courses coherent with their PhD programme. To each candidate admitted to the programme, a tutor, belonging to the Board of Professors, is appointed. The supervisor and the tutor may coincide.

The tutors supervise and support the candidates over all their training path. They assist the candidates in the choice of courses to be included in a study plan, which must finally be approved by the Coordinator of the PhD Programme.

Further activities intended to develop the candidate’s personal skills and research expertise are encouraged during the PhD path.

Candidates must acquire the capability to present and discuss their work in their research community. Consequently, both the participation to international conferences and the publication of the research results in peer-reviewed journals are encouraged.

The PhD programme favors the candidates’ research interactions with other groups in their research field, preferably abroad. Research visits of at least three months are strongly encouraged, as through them the candidates may acquire further skills to develop their research work and thesis.

Other activities for the development of own personal skill and research expertise are encouraged during the PhD path.

The candidate has to acquire the capability to present and discuss his/her work in his/her research community.
Consequently both the participation to international conferences and publication of the research results in international magazines with review is encouraged. The candidates are also encouraged to carry out part of their research activities in contact with other research groups in their interest field, preferably abroad. Research visits of at least three months are strongly encouraged at research groups through which the candidate can acquire further skills to develop his/her research work and the thesis. *(Some PhD programme could decide to set forth further ties about the duration of the period abroad).* The duration of the programme is normally three years.

### 6.3 Objectives and general framework of the teaching activities

The PhD Programmes and the PhD School activate teaching forms of different kind and credit value, including courses, seminars, project workshops, laboratories. Teaching activities both cover the basic research issues (problems, theories, methods), which represent the founding element of the PhD Programme and identify clearly its cultural position, and deepening in a specialist way some research issues connected with the problems developed in the theses. Lessons are usually held in English, except when indicated otherwise. The PhD programme includes at least one complete path delivered in English language.

Structured teaching activities allow to earn ECTS credits. Other activities, typically specialised and for which it is difficult to evaluate the learning and its quantification, fall within the scientific activities of which the Board of Professors takes into account in the overall evaluation, but they do not allow to earn ECTS.

The educational structure includes:
- Lectures, training sessions, guided tours and seminar cycles given by lecturers of the College and by visiting Professors;
- Workshop research in fields such as critical history and design, carried out through teaching, cooperation activities and horizontal and vertical exchange between students of different cycles;
- Seminar activities and individual stages/internships particularly important for enhancing the students’ curriculum;
- Individual research aided by tutors with the contribution of the entire teaching staff.

Each learning activity is subject to grading through oral examination and the submission of written papers and essays. Detailed programs are available on the program’s website. Within the end of the first year, PhD students will be required to submit a project for their PhD dissertation.

For preparation of the research thesis, dedicated time which increases gradually from year to year, starting from the first year is foreseen. Programmes and bibliographies are available on line and will be communicated at the beginning of each activity.

The tables below summarize the candidate’s path (as regards coursework activities). At the same time, the programme foresees that the candidates are devoted to research activity in a continuous way, following the lead of their supervisors, and of the Board of Professors.
First/Second Year (courses and laboratories/workshops to be followed within the first 18 months):

<table>
<thead>
<tr>
<th>Courses</th>
<th>Possible details or reference to following tables</th>
<th>Number of credits (min-max)</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>PhD School Courses</td>
<td>Every PhD candidate has to follow the Mantua Summer School Workshop</td>
<td>5 (mandatory)</td>
<td></td>
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<tr>
<td>Courses characterising the PhD Programme</td>
<td>Every PhD candidate has to follow: 2 design workshops + 3 courses</td>
<td>5+5</td>
<td>5+5+5</td>
</tr>
<tr>
<td>Other PhD courses</td>
<td>Research methodologies in Urban And Architectural Design Seminar</td>
<td>5 (mandatory)</td>
<td></td>
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</tbody>
</table>

Third year

In the third year the candidate should be devoted entirely to the research and to the development of the PhD thesis.

PhD PROGRAMMES

A) The PhD Programme in Urban and Architectural Design organizes the following Characterizing Courses (see table A)

For admission to the final exam acquisition of at least 35 credits is mandatory. These credits must be acquired via the “characterizing” PhD courses offered by the PhD Programme.

For admission to the second year the credits relayed the Architecture and Urban Design Workshop, the seminars, the course of the PhD School must be fulfilled (30 credits minimum).

B) The PhD School organizes every year general and Interdoctoral courses and courses with foreign professors. Acquisition of at least 5 credits is mandatory from type B courses. The list of Ph.D. courses organized by the PhD School is available at the following page http://www.dottorato.polimi.it/en/during-your-phd/phd-school-courses

C) Other PhD courses
PhD candidates will be able to choose among the PhD courses provided by other PhD programmes of the Politecnico and/or national or international external entities. These courses, after approval of the study plan, will be credited as chosen activities.

**PREPARATORY COURSES**

If the supervisor and the tutor find it useful or necessary that the candidate attends preparatory courses (chosen among the activated courses at the Politecnico di Milano) the Board of Professors of the PhD programme may assign some extra-credits to be acquired to complete the training path. The credits acquired in this way will be considered as additional, in relation to the mandatory credits to be acquired with the PhD courses.

Foreign PhD candidates not having obtained a Master of Science in Italy will attend the following School of Architecture and Society Master of Science courses: ‘Storia e teorie dell’architettura del secondo novecento’/’History and Theory of the Twentieth-Century architecture’ e ‘Teorie e tecniche della progettazione architettonica’/’Architectural Theory and Practice’.

**SPECIALISTIC COURSES, LONG-TRAINING SEMINARS**

The attendance of Specialist Courses, Workshops, Schools, and Seminars cycles is strongly encouraged and (if these seminars, workshops are certified and evaluated) may permit to acquire credits according the modalities established by the Board of Professors and previous approval of the study plan submitted by the candidate.

These courses and workshops can be inserted in the study plan, even if they are not evaluated (and therefore not qualified as credits), as optional “additional teaching”.

In the following, the scheduled planning is reported for the academic year 2016-17 and 2017-2018. It is possible that other courses are activated at the PhD School even afterwards; in this case the candidates will be promptly informed. The candidates will be able to insert these new courses in their study plan.

**Table A: PHD COURSES CHARACTERISING THE PHD PROGRAMME**

<table>
<thead>
<tr>
<th>SSD</th>
<th>Name of the Course</th>
<th>Professor</th>
<th>A.A./Semester</th>
<th>Language</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ICAR/14</td>
<td>Research methodologies in Urban And Architectural Design Seminar</td>
<td></td>
<td>Annual</td>
<td>Italian/English</td>
<td>5</td>
</tr>
<tr>
<td>ICAR/14/16</td>
<td>Architecture, urban and Interior Design workshops</td>
<td></td>
<td>1 or 2 semester</td>
<td>English</td>
<td>5</td>
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<tr>
<td>ICAR 14</td>
<td>International Design Workshop</td>
<td></td>
<td>1 or 2 semester</td>
<td>English</td>
<td>5</td>
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<tr>
<td>ICAR 14/16/18/21</td>
<td>Courses activated by PAUI PhD (three)</td>
<td></td>
<td>1 or 2 semester</td>
<td>Italian/English</td>
<td>5 x 3</td>
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**Table B SUGGESTED CROSS-SECTORAL COURSES OR WITH A FOREIGN PROFESSOR**

<table>
<thead>
<tr>
<th>SSD</th>
<th>Name of the Course</th>
<th>Professor</th>
<th>Semester</th>
<th>Language</th>
<th>Credits</th>
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<tr>
<td>ICAR 14/19/20 Interdisciplinary course</td>
<td>Milan International PhD Summer School Part 1 e Part 2 “Heritage and Design : Architecture, Preservation, Planning in Urban and cultural landscapes”</td>
<td>Basso Peressut, Di Biase, Galliani</td>
<td>2 semester</td>
<td>English</td>
<td>5</td>
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**Table C OTHER PhD COURSES**

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<tr>
<th>SSD</th>
<th>Name of the Course</th>
<th>Professor</th>
<th>Semester</th>
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**6.4 Presentation of the study plan**

PhD candidates must submit a study plan, which may be revised periodically (approximately every three months), in order to adjust them to possible changes in the course list, or to needs motivated by the development of their PhD career. The study plans must be approved by the PhD programme Coordinator, according to the modalities established by the Board of Professors of the PhD Programme itself.

**6.5 Yearly evaluations**

Candidates present their work to the Board of Professors at least once a year. In particular, the candidates must pass an annual evaluation in order to be admitted to the following PhD year. The third year evaluation establishes the candidate's admission to the final PhD defense. As a result of each successful annual evaluation, the candidates receive an evaluation (A/B/C/D). Candidates who do not pass the exam will be qualified as “Repeating candidate” (Er) or “not able to carry on with the PhD (Ei)”. After the final year, candidates who have achieved sufficient results but need more time to draw up
their theses, may obtain a prorogation of up to 12 months.

6.5 Other foreseen reviews
Half-yearly reviews of the PhD thesis with the Academic Board (thesis milestones).

6.6 PhD thesis preparation
The main objective of the PhD career is the development of an original research contribute. The PhD thesis is expected to contribute to the advance of the knowledge in the candidate's research field. The PhD study and research work is carried out, full time, during the three years of the PhD course. Stages or study periods in (Italian or International) companies or external Institutions may complete the candidate's preparation.

The resulting theses need to be coherent with the research issues developed in the Department where the PhD programme is developed.

The candidate must present an original thesis, discuss its contribution to the state of the art in the research field in the research community.

The PhD research is developed following the lead of a supervisor, who supports the candidate in the setting out and in the everyday activities regarding the thesis development.

At the conclusion of the studies, admission of the candidate to the final exam will be evaluated by the Board of Professors. Afterwards, candidates defend their theses in a final exam, during which the research work carried out and the thesis will be evaluated by an examination Committee composed by three members, of which at least two external evaluation members.

In the PhD Programme in Architectural, Urban and Interior Design the PhD thesis will be developed on a theoretical-experimental issue defined together with the Academic Board.

**Phase 1** – During the first year, after attending introductory and main courses, the thesis topic is chosen together with its theoretical and methodological implications, the preliminary table of contents is defined, as well as the basic bibliography and organization of documentation is finalized. At the end of the second semester, PhD Students submit the “Research project” document to the Academic Board (1st milestone).

**Phase 2** – The second year is devoted to the development of essential elements and documentation: annotated tables of contents, bibliographical documentation, graphic and iconographic material (2nd and 3rd milestones).

**Phase 3** – The third year is devoted to detailed thematic, experimental and design issues and to the draft of the final thesis (4th and 5th milestones).

The Academic Board meets with PhD Students during thesis evaluation seminars at the end of each year (1st, 3rd and 5th milestones). Intermediate evaluations are conducted at the end of the first semester by the thesis Tutors and Supervisors, with ratification by the Academic Board (2nd and 4th milestones).

At the end of the third year the thesis is presented during a Final public seminar, attended by qualified external scholars.
7. Laboratories, PhD Secretary Services

The PhD has a Laboratory equipped with network workstations.

PhD Secretary:
Dipartimento di Studi Urbani
Via Bonardi 3
I-20133 Milano
Marina Bonaventura
Tel. +39-02-23995165
Fax. +39-02-23995435
e-mail: marina.bonaventura@polimi.it

Manuela Rinaldi
Tel. +39-02-23995019
fax +39-02-23995435
e-mail: manuela.rinaldi@polimi.it

8. Internationalisation and other activities

Carrying out study and research activities at external laboratories is strongly recommended. Politecnico di Milano supports joint PhD paths with International Institutions, as well as Joint and Double PhD programmes. Further information are available on the PhD School website and on the PhD programme website.

Attachment A1 – PhD Board of Professors – Collegio dei Docenti

Description of the composition of the Board of Professors

Prof. Luca Basso Peressut_Polimi-DASU, PO ICAR 16 (coordinator)
Prof. Guya Bertelli_Polimi-DASU, PO ICAR 14
Prof. Marco Biraghi_Polimi-DASU, PO ICAR 18
Prof. Simona Chiodo_Polimi-DASU, PA MFIL04
Prof. Andrea Di Franco_Polimi-DASU, PA ICAR 14
Prof. Immacolata C. Forino_Polimi-DASU, PO ICAR 16
Prof. Pierfranco Galliani_Polimi-DASU, PO ICAR 14
Prof. Carlos Garcia Vázquez_Universidad de Sevilla, PO ICAR 14
Prof. Luca Molinari_Il Università di Napoli-Aversa, PA ICAR 18
Prof. Laura Montedoro_Polimi-DASU, RC ICAR 21
Prof. Orsina Simona Pierini_Polimi-DASU, PA ICAR 14
Prof. Gennaro Postiglione_Polimi-DASU, PO ICAR 16
Prof. Alessandro Rocca_Polimi-DASU, PA ICAR 14
Prof. Pierluigi Salvadeo_Polimi-DASU, PA ICAR 16
Prof. Luigi Spinelli_Polimi-DASU, PA ICAR 14
Prof. Alessandro Rogora_Polimi-DASU PO ICAR/12
Attachment A1bis – Board of experts accredited to participate in teaching and research activities – Docenti esperti accreditati a partecipare alle attività didattiche e di ricerca

Alberta Cazzani_Polimi-DASTU, PA ICAR 19
Antonella Contin_Polimi-DASTU, RC ICAR 14
Claudio Fazzini_Polimi-DASTU, PA ICAR 14
Carlotta Fontana_Polimi-DASTU, PO ICAR 12
Andrea Gritti_Polimi-DASTU, RC ICAR 14
Marco Lucchini_Polimi-DASTU, RC ICAR 14
Marina Molon_former PO ICAR 14 Polimi
Prof. Gianni Ottolini_former PO ICAR 16 Polimi
Prof. Raffaele Pugliese_Polimi-DASTU, PO ICAR 14
Santiago Quesada_Universidad de Malaga, PO ICAR 14
Roberto Rizzi_Polimi-DASTU, PA ICAR 16
Michele Sbacchi, Università di Palermo PA ICAR 14
Michele Ugolini_Polimi-DASTU, PA ICAR 16
Prof. Daniele Vitale_Polimi-DASTU, PO ICAR 14

Attachment A2 – PhD Advisory Board

Description of the composition of the Advisory Board

Luca Ortelli, Politecnique de Lausanne
Richard Blythe, RMIT, Melbourne
Luis Antonio Jorge, FAU-USP, Sao Paulo, Brasile
Suzie Attiwill, RMIT, Melbourne
Christoph Grafe, Universitaet Wuppertal
Carmen Espegel, ETSAM Madrid
Fernando Espuelas, Escuela Europea Madrid
Mark Pimlott, TU Delft
Hilde Heynen, Katholieke Universiteit Leuven, Architecture, Urbanism and Planning
Anne Marie Fisker, Università di Aalborg
Carmen Diez Medina, EINA Zaragoza
Ferrand Sagarra, ETSAB
Grahame Shane, Cooper Union - Columbia University, New York
Helena Coch Roura, ETSAB, Barcelona
Ed Wall Kingston University, London
Nathalie Roseau, École nationale des ponts et chaussées, Paris