



POLITECNICO
MILANO 1863

PhD School - Politecnico di Milano

Regulations of the PhD Programme in:

Design

Cycle XXXVIII

1. General Information

PhD School - Politecnico di Milano PhD Programme: Design

Course start: November 2022

Location of the PhD Programme: Bovisa

Promoter Department: Design

Scientific Disciplinary Sectors: 08C

Subject (SDS): ICAR/13 Design (main); Other Subjects: ICAR/16 Interior and Exhibit Design; L-ART/02

History of Modern Art; ICAR/18 History of Architecture

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

PhD Programme Website: <http://phd.design.polimi.it>

2. General presentation

Politecnico di Milano was among the first universities globally to start a Ph.D. Program in the field of design in 1990.

A Coordinator and a Faculty Board run the Programme. The Coordinator chairs the Faculty Board, coordinates the preparation of the annual Educational Syllabus and organizes the general educational activities of the Ph.D. Program (see Attachment A1).

The Faculty Board is responsible for the Educational Syllabus and teaching and administrative activities related to the Ph.D. Program (see Attachment A2).

The Program aims at teaching Ph.D. candidates how to carry out high-quality design research. In this respect, candidates are invited to: (i) reflect on the nature of design, with its aesthetic, use, and meaning values, as well as its capability of being an agent of social change toward more sustainable systems; (ii) develop and share original design knowledge.

The Ph.D. Program hosts research projects that address the specific issues on which research is carried out in the Design Department.

3. Objectives

The Ph.D. Program intends to train designer-researchers who, addressing the problems and opportunities of contemporary society, can apply research methods to produce original design knowledge.

The curriculum lasts three years, during which both educational and research activities are provided. The Program develops analytical and design abilities and promotes a collaborative disposition.

Each year, a list of suggested topics to be addressed during the three-year training is available on the Ph.D. website (<http://phd.design.polimi.it>).

Once enrolled, each candidate becomes a full member of a research group, within which they develop an original research project. This research activity is the fundamental core of the learning process. Parallel to this, each candidate is involved in other educational activities, divided into general and specialized ones.

General activities are courses and seminars related to the design discipline and its research methods and practices. They aim to consolidate the cultural and operational background common to all the areas of design research. For this reason, the general activities are compulsory for all Ph.D. candidates.

Specialised activities are optional courses and seminars related to the specific research topic addressed by each Ph.D. candidate.

The Program offers Ph.D. candidates the following opportunities:

- To develop a Ph.D. thesis, working on a specific research topic as a member of a research team;
- To participate in courses and seminars on design, design research and research in general, developing competencies concerning the discipline of design and the research profession;
- To participate in workshops, developing specialist competencies, and acquiring knowledge and tools useful for their research topic;
- To engage in an internship in an international research center to verify assumptions, methods, and results of their research and consolidate their international network of relationships.

Finally, the Ph.D. Program in Design stimulates candidates to writing academic papers and participating in international conferences.

4. Professional opportunities and job market

The designer-researcher educated by the Ph.D. Program in Design is a flexible figure: a designer who knows how to carry out research and a researcher who uses design tools. At the same time, they are also experts in knowledge management, constructive interaction among different stakeholders, and the communication of visions and proposals.

The combination of these skills is helpful in a variety of work environments, which increasingly are faced with complex challenges that the designer-researcher can effectively address and contribute to solving. More specifically:

- Universities and research centers expressly dedicated to carrying out design research
- Design agencies and design-oriented companies
- Public bodies and service companies
- Organizations for territorial development

5. Enrolment

5.1 Admission requirements

Italian and International citizens can apply. They are requested to have graduated under the pre-existing laws D.M. 3.11.1999 n. 509, or to have a Master of Science degree under D.M. 3.11.1999 n. 509, or a Master of Science under D.M. 22.10.2004 n. 270, or a 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.

Certified knowledge of the English language is a requirement for admission. Please refer to the Ph.D. School website for details.

The admission to the Program is based on the evaluation of the candidates' curricula, motivation letters, and a report about the development of a possible Ph.D. research, which candidates will send contextually with their application to the admission announcement. Candidates should write their research proposal by choosing a specific topic from a list of suggested topics available on the website of the Ph.D. Program in Design.

5.2 Admission deadlines and number of vacancies

The number of positions is indicated in the call for admission to the 38th Ph.D. cycle Programs:

<http://www.polimi.it/phd>

Scholarships on general and specific themes are available following the call for admission.

6. Contents

6.1 Requirements for the PhD title achievement

The achievement of the Ph.D. title in Design requires full-time study and research commitment of at least three years to develop a Ph.D. thesis.

Ph.D. candidates in Design must earn a minimum of 30-course credits (see section 6.3 below) and continuously conduct studies and research.

Upon enrollment in the Program, the Faculty Board assigns both a tutor and a supervisor to each candidate. The tutor shall be a professor belonging to the Faculty Board. Tutors assist the candidates in choosing courses to be included in the study plan submitted for approval to the Program Coordinator (see also section 6.4 below). The supervisor should be a professor expert in the specific research topic addressed by the candidate. Their role is to guide candidates in developing their research activity (see also section 6.2 below).

The Faculty Board may assign extra course credits to candidates if they need to complete their preparation in specific topics relevant to their research projects.

Other requirements to obtain the Ph.D. title are:

- Carrying out a 6-months internship in universities or research centers abroad. This requirement can also be matched by attending two courses related to the candidate's specific research project (for a minimum of 10 credits). (see also section 6.2 below).

6.2 Research development

The Politecnico di Milano Ph.D. Programs aim for the candidates to acquire a research-oriented mindset with expertise and skills in a specific research topic. To this end, candidates are taught to develop a problem-solving capability in complex contexts, including the capacity of performing deep problem analysis, identifying original solutions, and evaluating their applicability in real contexts. These skills provide the Ph.D. candidates with significant development opportunities in their research both in the academic field and in public and private organizations.

Ph.D. candidates are requested to develop an original research contribution. The Ph.D. thesis must thus contribute to increasing the knowledge in the candidate's specific research field. Besides, it must be coherent with the research topics developed in the Department where the Ph.D. Program is carried out. The research results are framed and codified in the Ph.D. thesis, where the candidate's contribution is put in perspective for the specific research field.

The Ph.D. research is carried out under the guidance of a supervisor, who supports the candidate in all activities related to the thesis development. The supervisor is not necessarily a member of the Faculty Board and may also belong to an institution different from Politecnico di Milano. The supervisor can cooperate with one or more co-supervisors.

Further activities are encouraged to develop the candidate's skills and research expertise.

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

The Ph.D. Program favors the candidates' research interactions with other groups in their research field, preferably abroad. Research visits of six months are strongly encouraged, as, through them, the

candidates may acquire different skills to develop their research work. An internship abroad is compulsory for those supported with a scholarship. Candidates not supported with a scholarship who, for good reasons, cannot go abroad are permitted to substitute the internship with other learning activities. In more detail, they are required to attend one optional course for every three months of internship (for a maximum of two courses).

The minimum duration of the Program is three years.

6.3 Objectives and general framework of the teaching activities

Both the Ph.D. Programs and the Ph.D. School offer teaching activities, including courses, seminars, and workshops.

Lessons are held in English. Structured teaching activities allow earning ECTS credits.

The Design Ph.D. Program offers:

- **General teaching activities** that cover the research issues (in terms of theories, methods), which represent the founding element of the Program and identify its cultural position.
- **Specialised teaching activities** that deepen some research issues connected with the problems developed in the theses.

The Ph.D. School of Politecnico di Milano proposes a set of courses aiming to train Ph.D. candidates in soft and transferable skills. The abilities provided by these courses are expected to help candidates across different areas of their careers to respond to the rapidly evolving needs of the global economy and society. At least 10 of the 30-course credits that each candidate must earn shall be obtained through courses organized by the Ph.D. School.

The Ph.D. School courses activated for the 2022-2023 Academic Year are summarized in the following table and will be available at the following link:

https://www11.ceda.polimi.it/manifestidott/manifestidott/controller/MainPublic.do?check_params=1&k_corso_la=1300&_pj0=0&_pj1=bfde6169b746e9d517b5bef5fe352728

Professor	Course name
Arondi Simonetta	Strengthening Critical Spatial Thinking
Biscari Paolo	English for Academic Communication
Biscari Paolo	Industrial Skills
Biscari Paolo	Scientific Communication in English
Brunetto Domenico	Innovative Teaching Skills
Canina Maria Rita	Creative Design Thinking
Cardilli Lorenzo	European Culture
Di Blas Nicoletta	Professional Communication

Fuggetta Alfonso	Project Management Basics
Oxoli Daniele	The Copernicus Green Revolution for Sustainable Development
Iarossi Maria Pompeiana	Power of Images and Visual Communication for Research Dissemination
Masarati Pierangelo	Ethical Aspects of Research on Dual-Use Technologies
Mauri Michele	Research Communication. Issue mapping: exploring public debates surrounding academic topics
Ossi Paolo Maria	Sulla responsabilità tecnica
Oppio Alessandra	How to support Complex decisions: Approaches and Tools
Paganoni Anna Maria	La comunicazione nella Scienza
Pizzocaro Silvia Luisa	Practicing Research Collaboration
Raos Guido	Science, Technology, Society and Wikipedia
Sancassani Susanna	Teaching Methodologies, Strategies and Styles
Sciuto Donatella	Research Skills
Volonte' Paolo Gaetano	Introduction to Academic Research
Mancini Mauro	Project Management (In Action)
Tanelli Mara	Cognitive biases and discriminations: implications, risks and opportunities
Balducci Alessandro	Approaches to Resilience: Social, Economic, Environmental and Technological Challenges of Contemporary Human Settlements Modeling and Automated Verification of Real-Time Systems

The Ph.D. Program in Design proposes a set of 3 characterizing courses aiming to introduce the Ph.D. candidates to design research basics. Candidates are required to take these courses and carry out the related assignments. Professors in charge of these courses will specify the assessment procedures. Courses' syllabus and general information on teaching activities are available from the Ph.D. Secretary's office as well as on the Ph.D. website (<http://phd.design.polimi.it>).

Those candidates not carrying out a 6-months internship abroad must attend two Ph.D. level courses provided by Politecnico di Milano and/or external Institutions for a minimum of 10 credits (see section 6.1 above).

The table below summarizes the candidate's path as regards coursework activities. At the same time, candidates must carry out research activities continuously, following the lead of their supervisors and the Faculty Board.

First and Second Year

Courses	Possible details or reference to following tables	Number of credits (min-max)
<i>Courses characterising the PhD Programme</i>	<i>See table A</i>	<i>20</i>
<i>PhD School Courses</i>	<i>See the list of courses offered by the Ph.D. School (link above)</i>	<i>10</i>

Third year

In the third year, the candidates should focus entirely on finalizing their research and writing the Ph.D. thesis.

PH.D. COURSES LIST

For admission to the final exam, acquiring a total of 40 Credits is mandatory. As said, candidates must obtain at least 30 credits by attending Ph.D. courses as described below:

A) The Ph.D. Program in Design organizes the Characterising Courses listed in table A. The acquisition of all the 20 credits in this list is mandatory.

B) The Ph.D. School organizes every year general and interdoctoral courses. The acquisition of at least 10 credits is mandatory.

PREPARATORY COURSES (when needed)

If the supervisor finds it necessary that the candidate attends preparatory courses (chosen among those activated by Politecnico di Milano), the Faculty Board of the Ph.D. Program will assign extra credits to be acquired to complete the training path. These credits will be considered additional.

SPECIALISTIC COURSES, LONG-TRAINING SEMINARS

Attendance of further specialist courses, workshops, summer/winter schools, and seminars is strongly encouraged. These activities will be inserted into the study plan as "elective courses." For elective courses, candidates will not receive an evaluation.

The scheduled course planning for the academic year 2022-2023 follows. Other courses may be activated during the year. In such a case, candidates will be promptly informed and allowed to insert them into their study plan.

Table A: COURSES CHARACTERISING THE PH.D. PROGRAM

Name of the Course	Professor	A.Y./Semester	Language	Credits
<i>Design Research Methodologies</i>	<i>Silvia Pizzocaro</i>	<i>1st/1st</i>	<i>English</i>	<i>5</i>

<i>Design Research Planning</i>	<i>Daniela Sangiorgi</i>	<i>1st/1st</i>	<i>English</i>	<i>5</i>
<i>Design Research Prototyping</i>	<i>Chiara Colombi, Manuela Celi, Jonathan Chapman</i>	<i>1st/2st</i>	<i>English</i>	<i>5</i>
<i>Scientific Production</i>	<i>Marzia Mortati, Eleonora Lupo</i>	<i>1st/2st</i>	<i>English</i>	<i>5</i>

6.4 Presentation of the study plan

At the beginning of their path, Ph.D. candidates must submit a study plan, which can be revised periodically (approximately every three months) to address changes in the courses list or evolving career needs. Study plans must be approved by the Ph.D. Program Coordinator, according to the modalities established by the Faculty Board.

6.5 Yearly evaluations

Candidates present their work to the Faculty Board at least once a year. Moreover, candidates must pass an annual assessment to be admitted to the following Ph.D. year.

As a result of each successful annual assessment, candidates receive an evaluation (A/B/C/D). Candidates who do not pass the annual assessment will be qualified as “Repeating candidate” (Er) or “not able to carry on with the PhD (Ei)”. In the former case (Er), candidates can repeat the Ph.D. year at most once. The Ph.D. scholarship – if any – is suspended during the repetition year. In the latter case (Ei), candidates are excluded from the Ph.D. Program and lose their scholarship – if any.

If the Faculty Board holds appropriate to directly assign an exclusion evaluation (Ei) without a previous repetition year, the request must be adequately motivated and then validated by the PhD School.

The third-year assessment establishes if the candidate can be admitted to the final Ph.D. defense (see also paragraph 6.6). Candidates who need more time to conclude their research work and write their theses may be accepted for an extra year (the fourth).

6.6 Ph.D. thesis preparation

The main objective of the Ph.D. career is the development of original research contributions. The Ph.D. thesis is expected to contribute to advancing knowledge in the candidate's research field.

The Ph.D. is carried out full-time for three years. Internships or study periods in (Italian or International) universities, institutions, or companies may complete the candidate's preparation.

The resulting theses need to be coherent with the research issues developed in the Department where the Ph.D. Program is developed.

The candidate must present an original thesis that discusses the contribution to the research field's state of the art.

The Ph.D. research is developed following the lead of a supervisor.

At the conclusion of the Ph.D. studies, the Faculty Board evaluates the candidate. Candidates who receive a positive evaluation submit their thesis to two external reviewers for refereeing. If the assessment provided by the external reviewers is positive (or after the revisions required), the candidates defend their thesis in a final exam in front of a committee composed of three members (at least two of which must be external experts).

7. Laboratories, Ph.D. Secretary Services

Laboratories for practical activities and experiments:

Colour Lab; Ed-Me Lab (Environmental Design And Multisensory Experiences); Exhibit Design Lab; Fashion Design Lab; Lighting Lab; Model Lab; Movie Design Lab; Photography Lab; Polifactory; Virtual prototyping-reverse modelling Lab.

PhD Secretary Office Mrs. Simona Murina and Mrs. Paola Mosca Department of Design

Phone: +39.02.2399.7245 or +39.02.2399.5934 e-mail: segreteriadottorato-design@polimi.it

8. Internationalisation and inter-sectoriality

Carrying out study and research activities at external research centers is strongly recommended. Politecnico di Milano supports joint Ph.D. paths with International Institutions and Joint and Double Ph.D. Programs. Further information is available on the Ph.D. School website and on the Ph.D. Program website.

The Ph.D. in Design fosters relationships with international design schools, particularly those running Ph.D. Programs.

In addition, the Ph.D. Program organizes regular seminars and lectures with internationally renowned professors and experts to foster dialogue and debate on the latest research issues.

More specifically, the Ph.D. Program in Design collaborates with the following foreign universities:

University Name	Country
<i>Northeastern University</i>	<i>USA</i>
<i>ITT INSTITUTE OF DESIGN</i>	<i>USA</i>
<i>Carnegie Mellon</i>	<i>USA</i>
<i>AALTO UNIVERSITY</i>	<i>Finland</i>
<i>DELFT UNIVERSITY OF TECHNOLOGY</i>	<i>The Netherlands</i>
<i>IMPERIAL COLLEGE</i>	<i>UK</i>
<i>TONGJI UNIVERSITY</i>	<i>China</i>

Direct exposure to the challenges and opportunities in non-academic sectors of society is fostered by networking, connectivity, inter-sectoral mobility, and broad access to knowledge.

Indeed, interaction with and exposure to non-academic sectors benefits doctoral candidates.

Attachment A1 – Ph.D. Program Coordinator

Lucia Rampino

Architect and Ph.D. in Industrial Design. Full Professor at the Design Department of Politecnico di Milano. Her core field of research is product design, with a focus on theories of design and the nature of design processes, particularly as they pertain to product innovation. In this area, she has delved into the following research topics: Design in Large Enterprises; Design for SMEs; Design Thinking; Design for new Entrepreneurship. Since 2011, her attention has concentrated on interactive artifacts' opportunities to create an engaging user experience. Specific research topics she has addressed in this field are Aesthetics of Interaction, Product's Multi-Sensory Language, and Design for Behaviour Change. Recently, she has focused her research activities on the impact of Artificial Intelligence on both the design process and the designed artifact. Knowledge creation and transfer in the design discipline complete her research interests. She has published widely on these topics, mainly in English.

MAIN ROLES AT POLIMI

She is on the Design Ph.D. Faculty since 2009. In January 2022, she was appointed as the Ph.D. Program Coordinator.
Since 2019 - Responsible of the Design School for the Double Degree Program with Xi'An Jiao Tong University (PRC)
2018/2022 - Project Manager of the MUR co-financed Project "Dipartimenti di Eccellenza" for the Design Department

PAST ROLES AT POLIMI

2018/2021 - Vice-Coordinator of Faculty Council of the Doctoral Program in Design
2020/2021 and 2013/2014 - Designated member of the Design Department Steering Committee (i.e. Giunta di Dipartimento)
2017/2019, 2014/2016 - Elected Member of the Design Department Scientific Board (i.e. Commissione Scientifica)
May 2014-December 2016 - Elected Coordinator of the Research Section "Products, Strategies, and Services", Dipartimento di Design.
March 2011 - December 2012 - Appointed as coordinator of the Research Unit IDEA (Industrial Design, Engineering and Innovation).

TEACHING

Since 2020: Full Professor of Industrial Design (ICAR/13) at POLIMI.
She teaches at the School of Design, in the MSC of "Design & Engineering" and the Bachelor Program "Design del Prodotto Industriale."
She also teaches at POLI.Design in the International Masters in "Industrial Design, Engineering and Innovation" and in "Industrial Design for Architecture."

MEMBER OF INTERNATIONAL CONFERENCES COMMITTEE

She has organized and co-chaired various international conferences.
Since January 2015 she is a **permanent member** of the Scientific Committee of the International Conference "DeSForM. Design and Semantics of Forms and Movements". The eleventh edition, DeSForM2019, was held at the MIT Design Lab, Boston, USA.
2015 – "DeSForM 2015 - Aesthetics of Interaction: Dynamic, Multisensory, Wise". Main conference chair and Co-editor of proceedings
2015 – **Cumulus Milan 2015. The Virtuous Circle. Design Culture and Experimentation.** Member of the Conference Program Committee

2015 – **The 5th STS Italia Conference. A Matter of De-sign. Making Society through Science and Technology.** Member of the Conference Organizing Committee. Co-editor of proceedings

2008 - **Design to Business 2.** Member of the Conference Advisory Board.

2006 - **Design to Business.** Member of the Conference Advisory Board.

ADVISOR ON PHD THESES AT POLITECNICO DI MILANO, DOCTORAL PROGRAM IN DESIGN

User Acceptance Implications of HMI in Autonomous Vehicles

PhD Student: Ming Yang, Doctoral Program in Design, Edition XXXVI

Aesthetic strategies to foster user's critical thinking in intelligent-systems-users interaction.

PhD Student: Gabriele Barzilai, Doctoral Program in Design, Edition XXXIV

InterM&Dia Interaction as a dialogue based on materiality

PhD Student: Sara Bergamaschi. Dissertation defended on March 7, 2017

Sensory Experiences. Informing, Engaging, and Persuading through Dynamic Products

PhD Student: Sara Colombo, Dissertation defended March 24, 2014, cum laude

Product Semantics for Eco-efficiency: Redesigning Product Characters to Communicate Eco-efficiency in Home Appliances

PhD Student: Shujoy Chakraborty, Dissertation defended September 28, 2012, cum laude

RECENT RESEARCH PROJECTS

She has taken part in 17 national and European co-financed research projects. In 6 of them, she has been the Project Leader for the Design Department. Moreover, she has participated in various privately financed research activities.

December 2020 - November 2023

DoCS4Design. Doctoral Courses System 4 Design

Research financed by the EU - ERASMUS+ Programme, Strategic Partnerships for higher education

July 2017- December 2018

Mobile-SteKio, Extreme efficiency digital gas cooktop for campers, caravans and yachts

Research co-financed by the EU - Executive Agency for SMEs under the call COS-2015-DESIGN-2, DESIGN-BASED CONSUMER GOODS

October 2016-September 2018

Greenrail, innovative and sustainable railway sleepers: the greener solution for railway sector

Research co-financed by the European Union under the Horizon 2020 dedicated SME Instrument, Phase 2.

September 2017- August 2018

InnoCult 2018 "Centre of Excellence for Cultural and Creative Innovations in Lithuania"

Research co-financed by the EU under the H2020-EU.4.a. - Teaming of excellent research institutions and low performing RDI regions.

NATIONAL AND INTERNATIONAL ACKNOWLEDGMENTS

2019 – **XXII Triennale di Milano Exhibition - selected project**

The project "Mobile STEKIO - Extreme efficiency digital gas cooktop for campers, caravans and yachts" is selected for the XXII Triennale di Milano "Broken Nature – Design takes on Human Survival" and exhibited in the Italia Pavilion, "4 Elements - Taking care".

2008 - **DME Award**

The "Erasmus Intensive Programme 2007-2009. A multidisciplinary approach to product innovation" is selected for the 2008 DME Award, Category: Non-profit organizations

2004 - **Compasso d'Oro Award**

The research project "Trend innovativi nel settore delle attrezzature per il lavoro intellettuale – Design per gli spazi di lavoro: ambiente, energia, nuove tecnologie per l'innovazione nell'ufficio" is nominated for Edition XX Compasso d'Oro Award in the category "Theoretical Research and Design Studies".

Attachment A2 – PhD Faculty Board

Description of the composition of the Faculty Board

Surname	Name	Affiliation	Scientific Disciplinary Sector
<i>RAMPINO</i>	<i>Lucia</i>	<i>Politecnico di Milano</i>	<i>ICAR/13</i>
<i>BERTOLA</i>	<i>Paola</i>	<i>Politecnico di Milano</i>	<i>ICAR/13</i>
<i>ANZANI</i>	<i>Anna</i>	<i>Politecnico di Milano</i>	<i>ICAR/19</i>
<i>BERTOLO</i>	<i>Maresa</i>	<i>Politecnico di Milano</i>	<i>ICAR/13</i>
<i>CANINA</i>	<i>Maria Rita</i>	<i>Politecnico di Milano</i>	<i>ICAR/13</i>
<i>CARATTI</i>	<i>Elena</i>	<i>Politecnico di Milano</i>	<i>ICAR/13</i>
<i>CASCIANI</i>	<i>Daria</i>	<i>Politecnico di Milano</i>	<i>ICAR/13</i>
<i>CAUTELA</i>	<i>Cabirio</i>	<i>Politecnico di Milano</i>	<i>ICAR/13</i>
<i>CELI</i>	<i>Manuela</i>	<i>Politecnico di Milano</i>	<i>ICAR/13</i>
<i>CONTI</i>	<i>Giovanni Maria</i>	<i>Politecnico di Milano</i>	<i>ICAR/13</i>
<i>FERABOLI</i>	<i>Maria Teresa</i>	<i>Politecnico di Milano</i>	<i>ICAR/18</i>
<i>FERRARA</i>	<i>Maria Rita</i>	<i>Politecnico di Milano</i>	<i>ICAR/13</i>
<i>FERRARO</i>	<i>Venere</i>	<i>Politecnico di Milano</i>	<i>ICAR/13</i>
<i>GUERRINI</i>	<i>Luca</i>	<i>Politecnico di Milano</i>	<i>ICAR/13</i>
<i>LUPO</i>	<i>Eleonora</i>	<i>Politecnico di Milano</i>	<i>ICAR/13</i>
<i>MAFFEI</i>	<i>Stefano</i>	<i>Politecnico di Milano</i>	<i>ICAR/13</i>
<i>MAFFEIS</i>	<i>Rodolfo</i>	<i>Politecnico di Milano</i>	<i>L-ART/02</i>
<i>MARANI</i>	<i>Pietro Cesare</i>	<i>Politecnico di Milano</i>	<i>L-ART/02</i>
<i>MORTATI</i>	<i>Marzia</i>	<i>Politecnico di Milano</i>	<i>ICAR/13</i>
<i>QUAGGIOTTO</i>	<i>Marco</i>	<i>Politecnico di Milano</i>	<i>ICAR/13</i>

<i>RICCO'</i>	<i>Dina</i>	<i>Politecnico di Milano</i>	<i>ICAR/13</i>
<i>RIZZO</i>	<i>FRANCESCA</i>	<i>Politecnico di Milano</i>	<i>ICAR/13</i>
<i>ROGNOLI</i>	<i>Valentina</i>	<i>Politecnico di Milano</i>	<i>ICAR/13</i>
<i>ROSSI</i>	<i>Michela</i>	<i>Politecnico di Milano</i>	<i>ICAR/17</i>
<i>ROSSI</i>	<i>Maurizio</i>	<i>Politecnico di Milano</i>	<i>ICAR/13</i>
<i>SPAGNOLI</i>	<i>Alessandra</i>	<i>Politecnico di Milano</i>	<i>ICAR/13</i>
<i>SPALLAZZO</i>	<i>Davide</i>	<i>Politecnico di Milano</i>	<i>ICAR/13</i>
<i>VEZZOLI</i>	<i>Carlo</i>	<i>Politecnico di Milano</i>	<i>ICAR/13</i>
<i>VILLARI</i>	<i>Beatrice</i>	<i>Politecnico di Milano</i>	<i>ICAR/13</i>

Attachment A3 – PhD Advisory Board

Description of the composition of the Advisory Board

Name	Affiliation
<i>PIETER JAN STAPPERS</i>	<i>TU Delft, The Netherlands</i>
<i>WESTON BAXTER</i>	<i>Imperial College, UK</i>
<i>GUY JULIER</i>	<i>Aalto University, Finland</i>
<i>JONATHAN CHAPMAN</i>	<i>Carnegie Mellon University, USA</i>
<i>CARLOS TEXEIRA</i>	<i>IIT-Institute of Design, USA</i>