



PhD in ARCHITECTURAL URBAN INTERIOR DESIGN - 40th cycle

THEMATIC Research Field: FUTURSPACE - FUTURE SPACES FOR CINEMA AND ENTERTAINMENT

Monthly net income of PhDscholarship (max 36 months)

€ 1300.0

In case of a change of the welfare rates during the three-year period, the amount could be modified.

Context of the research activity

Motivation and objectives of the research in this field

The Ph.D. program of "Architectural Urban Interior Design" (A.U.I.D.) promotes research on architectural design, with studies and projects at different scales, contexts, and finalities. In AUID, research is based on the theories and practices that nourish contemporary architecture's cultural and technical debate at an international scale.

Seen MUR Directorial Decree no. 1401 of 09/18/2024 relating to the PRIN 2022 Call -(D.D. 104 of 02/02/2022) Provisions for the scrolling of the rankings-, that funds this research program, **FUTURSpaCE** is an advanced research proposal dedicated to cinema technological innovations to identify new models for audio-visual entertainment spaces.

While audio-visual entertainment has already moved to various digital platforms, becoming more and more a personal and unsocial experience, pandemic-forced isolation has developed a new desire to join activities of collective entertainment. From these premises, contemporary Italian society requires a better order and variety in the audio-visual-entertainment offered with the definition and the introduction of structural (formal and spatial) innovations regarding places dedicated to public entertainment.

This description expresses the fast and resilient response of contemporary Italian society and the distribution chain of the entertainment industry.



	<p>The FUTURSpaCE project intends to redefine the hall for public entertainment through an interdisciplinary interpretation as a node of the supply chain, locus, apparatus, business, and social and cultural space; to enhance the movie theatre as an innovative place, reinterpreting and integrating its spatial, architectural /structural components with the new expectations of the spectators; to verify the potential of the innovative cinemas as a practical and strategic element for the regeneration of communities; to define a series of valuable guidelines to develop a redesign based on a model promoting the hall for public entertainment as a social and cultural meeting, training, and experience space for the public. Research activities highlight the critical analysis and development of design processes and techniques. Constant attention will be given to the study of technological innovation and the dynamic relationships with the urgent questions related to the environment.</p>
<p>Methods and techniques that will be developed and used to carry out the research</p>	<p>The candidate will develop a research methodology starting from the lectures and assignments of the AUID courses and the Polimi Ph.D. School courses.</p> <p>For the general frame of the research activity, AUID refers to the <i>"Charter on Architectural Research"</i> (2012, updated in 2022) elaborated by the European Association of Architectural Education (EAAE), to the <i>"Principles for Innovative Doctoral Training"</i> by the Directorate-General for Research & Innovation of the European Commission (2011) and the Regulations of the Polimi Doctoral School. Studying the different formats, methods, and expressions of research in architectural design, the candidate will profile a personal methodology considering the specificity of the selected topic, the target, and the attended results. The program considers design to be a necessary component of any research. With the AUID Faculty and the Supervisor(s), each candidate will find a specific position in the field bordered by research, design, theory, and practice.</p> <p>In detail, through the FUTURSpaCE research program and research in the field, a picture of the current state of movie theatres will be formed from a technological, architectural, and urbanistic point of view. The study will</p>



	<p>focus more on identifying best practices in contemporary architectural production regarding spaces for relating and consuming audio-visual products - not limited to the national context and cinemas in the strict sense. Future expectations on technologies to support the collective use of multimedia content will also be investigated.</p> <p>According to what emerges from the ongoing research, the data collected in the technological-architectural-structural field will be the basis for preparing an innovative prototype of a movie theatre in terms of correspondence to renewed technological and social needs in progress and trying to anticipate/direct further developments and future scenarios. Summarizing, the FUTURSpaCE research program aims to reformulate the architectural project of the space dedicated to the cinema, considering the variations necessary for the formulation of hybrid places and obtaining innovative guidelines that contain the characteristics of the compositional and urban design, the technologies, the structural components, and the set-up characteristics for the entertainment. During the entire research period, the Candidate will be supported by the Supervisor, Prof. Luca MF Fabris (POLIMI), Prime Investigator of the FUTURSpaCE research program, and by the faculty of the other institutional partners involved: Università Cattolica del Sacro Cuore (Milan) e Università di Udine (Udine).</p>
Educational objectives	<p>The training of the candidates aims to give a strong capacity of orientation in the field of architecture, of choosing and elaborating a selected theme, of organizing appropriate methodologies of investigation and dissemination, of producing texts, drawings, and artifacts that match the requested character of scientific research: originality, relevance, and rigor, as defined in the "Charter on Architectural Research" by EAAE.</p> <p>The faculty's primary educational goal is to drive the candidate to develop research using a well-organized method by conducting a comprehensive survey of the chosen question, which leads to an original track and output. The candidate is helped to acquire the skills to organize a consistent analysis of case studies, formulate a clear proposal for an original approach to a question,</p>



	and elaborate innovative strategies and research methods. The candidate will be supported in delivering autonomous and innovative scientific products disseminated through seminars, publications, and conferences.
Job opportunities	<p>The Program aims to train highly qualified researchers and professionals who will work in academic institutions, research centers, and public administration, as well as in the private sector, in the fields of architectural, urban, and interior design: - University researchers and lecturers in the scientific fields of the Ph.D. Program.</p> <ul style="list-style-type: none"> - Researchers with an excellent scientific profile in complex architectural developments and interventions for recovery and transformation. - Independent professionals qualified to manage highly complex design processes. - Designers with tasks of high responsibility in institutions and professional structures and leading manufacturers engaged in traditional residential and special utilities, cultural institutions (museums, libraries, universities, schools, cultural centers), public and private services, commercial networks, accommodation, and leisure.
Composition of the research group	0 Full Professors 1 Associated Professors 0 Assistant Professors 1 PhD Students
Name of the research directors	Luca Maria Francesco Fabris

Contacts	
<p>Ph.D. Head prof. dr. Alessandro Rocca Alessandro.Rocca@polimi.it prof.ssa Sara Protasoni sara.protasoni@polimi.it</p> <p>Departmental Ph.D. Office Marina Bonaventura marina.bonaventura@polimi.it phone +39/02/2399.5165</p> <p>Marilena Mastalli</p>	



marilena.mastalli@polimi.it Phone +39/02/2399. 5405/ 9395

Further information is available at: <http://www.auid.polimi.it>

Additional support - Financial aid per PhD student per year (gross amount)	
Housing - Foreign Students	--
Housing - Out-of-town residents (more than 80Km out of Milano)	--

Scholarship Increase for a period abroad	
Amount monthly	650.0 €
By number of months	6

Additional information: educational activity, teaching assistantship, computer availability, desk availability, any other information

Some of the universities that are cooperating in the research:

- Katholieke Universiteit Leuven, Campus Sint-Lucas, Ghent
- Aarhus School of Architecture
- TU Delft, School of Architecture
- TU Berlin, Institute for Architecture
- University of Ljubljana

Research Budget: purchase of study books and material, funding for participation in courses, summer schools, workshops and conferences).

The Candidate can count on a financial aid with a total amount of **5.300,25 euro**: 1st year: max **1.766,75 euro**; 2nd year: max **1.766,75 euro**; 3rd year: max **1.766,75 euro**.

Teaching assistantship: (availability of funding in recognition of supporting teaching activities by the PhD student). There are various forms of financial aid supporting the teaching practice. The PhD candidate is encouraged to take part in these activities, within the limits allowed by the Polimi and AUID regulations.

Workspace: In the AUID hall, on the 4th floor of Bldg. 12 in Leonardo Campus, are available workstations for shared use.

All the Ph.D. students can use their laptops with a wireless connection. Workstations and other equipment are available in the various departmental laboratories (Dastu).