



PhD in ARCHITETTURA, INGEGNERIA DELLE COSTRUZIONI E AMBIENTE COSTRUITO / ARCHITECTURE, BUILT ENVIRONMENT AND CONSTRUCTION ENGINEERING - 38th cycle

**PNRR_351_PATRIM_CULT Research Field: ARCHIVES AND CONTEMPORARY
ARCHITECTURE: THE RENZO PIANO'S FOUNDATION**

Monthly net income of PhDscholarship (max 36 months)

€ 1275.0

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 research will take place between Milan, where the 'Renzo Piano Laboratory' will be set up at the ABC Dept., Genova, and Paris, where the Renzo Piano Foundation (RPF) archives and the studio are located.

With the task of preserving and making usable the heritage of drawings, sketches, documents and models that bear witness to more than fifty years of work, the project aims to promote interdisciplinarity, involvement in international research networks and intersectorality.

As part of a broader collaboration with the Politecnico di Milano, the involvement of a major research center such as the RPF ensures the quality of the candidate's academic training in the field of cultural heritage, with a focus in its management and enhancement.

Regarding the areas of intervention of the National Recovery and Resilience Plan (PNRR) provided by Article 3 of Regulation (EU) 2021/241, the project proposal meets the programmatic directions of some of the main horizontal pillars of the PNRR-Next Generation Italy. The research program affects the areas of digital transformation, innovation and competitiveness in culture and tourism (mission 1 - C2 and C3), development and innovation in scientific research and education (mission 4). Thanks to the responses offered by the new



	<p>technologies of the Politecnico, the project aims to enhance and improve the ability to be attractive in the field of contemporary architecture and cultural heritage, through the digitization of a high-value national and international archival heritage through innovative solutions.</p> <p>The research project is divided into major milestone steps that will mutually cooperate in a synergic approach.</p> <p>1. Analysis of the current 'AS IS' situation</p> <ul style="list-style-type: none"> • Analysis Type of assets listed • Analysis Format of cataloging and state of preservation • Current use of the archive by different types of internal and external users • Detailed analysis of the processes of production, sharing and preservation of historical and newly produced materials • Analysis of information technology architecture <p>2. Historical Research, Analysis and Identification of the main axes on which to develop historical and documentary enhancement</p> <p>This phase must be combined with the production of texts and scientific reports with a historical-critical approach.</p> <p>3. 'TO BE' analysis and identification of the enhancement strategy</p> <p>In this second phase we set ourselves the goal of defining together with the RPF the valorization strategy for the archive, considering the strategic lines as a whole.</p>
<p>Methods and techniques that will be developed and used to carry out the research</p>	<p>The research group of Architectural History in the ABC Department deals with 20th century history with a special focus on the archives of contemporary architects. From this synergy between academic and archival contexts, the candidate will be able to work through the research methods of architectural history in a challenging and international environment.</p>



	<p>The research project involves a 6-month research period abroad, to be held at the Renzo Piano Building Workshop headquarters in Paris.</p> <p>The research also aims to bring into dialogue historical research, the memory of the RPF's archives and innovative methods for rational management of the archival heritage and its enhancement.</p> <p>For this reason, the project includes 6 additional months to be spent in Genoa, at the research center and archive of the RPF, where the candidate will have the opportunity to deal with aspects related to the architectural archive and the management of the RPF's cultural events (publications/exhibitions/curatorships).</p> <p>Archive consistencies and study materials</p> <p>The archives consist of the main fond relating to the projects of the years 1960-1999 and the fonds of the projects closed by the year 2015.</p> <p>Currently, considering all this material, there are more than 5,000 models and maquettes, some 100,000 sketches and paper drawings, over 1,500 linear meters of documentation and over 12 terabytes of digital documentation recorded in the archive. The survey of the photographic collection estimated that there are approximately 500,000 traditional supports (slides, plates, prints, rolls, negatives) relating to the 1960-1999 Projects Fond.</p> <p>Through the study of these materials, the aim of the research is to investigate not only the story of each project, but also the Renzo Piano Building Workshop's distinctive working method.</p>
<p>Educational objectives</p>	<p>Educational goals are to develop and learn historical research methodologies and understand projects from a historical perspective, developing research skills in international and multidisciplinary teams.</p>
<p>Job opportunities</p>	<p>Job and career opportunities include professional outlets in all sectors, public and private, having to do with historical research in architectural history, as well as employment in museums, archives, research foundations or architectural firms engaged in the historical</p>



	preservation of their legacy.
Composition of the research group	1 Full Professors 0 Associated Professors 1 Assistant Professors 3 PhD Students
Name of the research directors	Prof. Federico Bucci

Contacts	
Prof. Federico Bucci email: federico.bucci@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	637.5 €
By number of months	6

National Operational Program for Research and Innovation	
Company where the candidate will attend the stage (name and brief description)	Fondazione Renzo Piano, Genova (Italy)
By number of months at the company	6
Institution or company where the candidate will spend the period abroad (name and brief description)	Renzo Piano Building Workshop, Paris
By number of months abroad	6

Additional information: educational activity, teaching assistantship, computer availability, desk availability, any other information
<p>Additional information can be found in the Regulations for the 37th Cycle of ABC-PhD: download is available at link: https://beep.metid.polimi.it/web/abcphd/documenti-e-media</p> <p>Additional information about ABC department and ABC-PhD programme: available at link: https://www.dabc.polimi.it/</p> <p>Additional support for the research activity: a total amount of 5.197,62 Euros per student, available since the first year, to be spent according to the department rules.</p>



Study period abroad:

a period of 6 months of study and research at Renzo Piano Building Workshop (Paris) is mandatory, preferably during the 1st and/or 2nd year.

Internship in a public administration:

an internship at Fondazione Renzo Piano in Genova, Italy (preferably in the 1st - 2nd year) is mandatory for a period of 6 months.

Desk availability:

the ABC department provides non-permanent desks to be temporarily booked in common PhD rooms.