



PhD in INGEGNERIA GESTIONALE / MANAGEMENT ENGINEERING - 39th cycle

PNRR 118 PA Research Field: PUBLIC PROCUREMENT FOR DIGITAL INNOVATION

Monthly net income of PhDscholarship (max 36 months)
€ 1450.0
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	<p>Digital technologies are increasingly relevant for all sectors and is challenging governments all over the world becoming a priority as evidenced in Mission 1 of the PNRR. In the latter, social distancing imposed by the pandemic and global trends in innovation have accelerated the need for modern and effective digital public services, which have to be developed considering private firms. The effort to modernise Public Administration bodies at the central, regional and local level should thus be backed by research that: i) provides insights to improve procurement strategies for innovative, digital solutions; ii) uncovers previously ignored spillover effects to local economies, enabling a strategic use of public procurement; iii) discovers more about the functioning of innovation clusters and relations between the actors.</p> <p>This research aims at framing those questions under proper theoretical lenses and exploiting empirical methods to provide practitioners, policymakers and procurement authorities with implications for their activity. Contributions should lie in the fields of digital innovation, procurement strategy, innovation economics and innovation policy, local and regional development studies.</p> <p>The research will be carried out in collaboration with ANAC (Autorità Nazionale Anticorruzione - National Anticorruption Authority)</p>



<p>Methods and techniques that will be developed and used to carry out the research</p>	<p>The following methodologies will be applied in the research project:</p> <ul style="list-style-type: none"> - Case studies, in order to analyse best practices and identify their critical success factors; - Surveys to be distributed to Public Administrations and firms; - Analytical models and quantitative analyses; - Econometric analyses of secondary sources.
<p>Educational objectives</p>	<p>The main educational objectives of the research project are the following:</p> <ul style="list-style-type: none"> - Developing the capacity to elaborate qualitative and quantitative models to support practices of public procurement of digital innovation; - Developing the ability to support decision-makers in redefining policies and models of procurement of digital, innovative solutions.
<p>Job opportunities</p>	<p>The opportunities for a PhD graduate in this research area are:</p> <ul style="list-style-type: none"> - Academic career in the fields of public procurement, digital innovation systems, innovation policy, regional studies; - Advisory for Public Administrations in their procurement processes of innovative digital solutions; - Career as a civil servant (e.g., a senior-manager within a Public Administration).
<p>Composition of the research group</p>	<p>2 Full Professors 2 Associated Professors 1 Assistant Professors 1 PhD Students</p>
<p>Name of the research directors</p>	<p>Luca Gastaldi</p>

<p style="text-align: center;">Contacts</p>	
	<p>luca.gastaldi@polimi.it</p>

<p style="text-align: center;">Additional support - Financial aid per PhD student per year (gross amount)</p>	
<p>Housing - Foreign Students</p>	<p style="text-align: center;">--</p>
<p>Housing - Out-of-town residents (more than 80Km out of Milano)</p>	<p style="text-align: center;">--</p>



Scholarship Increase for a period abroad	
Amount monthly	725.0 €
By number of months	6

National Operational Program for Research and Innovation	
Company where the candidate will attend the stage (name and brief description)	TO BE DEFINED
By number of months at the company	6
Institution or company where the candidate will spend the period abroad (name and brief description)	TO BE DEFINED
By number of months abroad	6

Additional information: educational activity, teaching assistantship, computer availability, desk availability, any other information
The candidate will work at the Department of Management, Economics and Industrial Engineering and attend the PhD Courses and all the educational activities of the PhD Program in Management Engineering