



# PhD in INGEGNERIA GESTIONALE / MANAGEMENT ENGINEERING - 39th cycle

**PNRR 118 PA Research Field: BRIDGING INEQUALITIES THROUGH DIGITAL PUBLIC POLICIES**

<b>Monthly net income of PhDscholarship (max 36 months)</b>
<b>€ 1450.0</b>
In case of a change of the welfare rates during the three-year period, the amount could be modified.

<b>Context of the research activity</b>	
<b>Motivation and objectives of the research in this field</b>	<p>In recent years, there has been an increase in the diffusion of digital technologies that has profoundly changed human relations and economic sectors. The PNRR in fact put the digitalization at the centre (Mission 1). At the same time, nowadays inequalities are at historically high levels in almost all countries, as also focus in mission 5 of the PNRR. Digital innovation and inequality are two topics that are deeply connected ? one configuring the cause of the other and vice versa.</p> <p>Moreover, digitalisation can be seen as a double-edged sword for inequality. The method of diffusion of digital technology within a territory has a strong influence on the social distribution of the relative population. On the one hand, an uncontrolled spread of digital technologies can increase social gaps. On the other, the implementation of appropriate public policies, which have proper digitization as their object, can fill these gaps. This research aims to focus on how accelerating the digital transformation deepening the pivotal role that Government can play in defining policies that reduce inequalities, contributing to call of PNRR for public administration.. The research will be carried out in collaboration with the Department for Digital Transformation of the Prime Minister Office.</p>
<b>Methods and techniques that will be developed and used to carry out the research</b>	<p>The following methodologies will be applied in the research project:</p> <ul style="list-style-type: none"> <li>- Case studies, in order to analyse best practices and identify their critical success factors;</li> </ul>



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

<b>Contacts</b>	
luca.gastaldi@polimi.it	

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

<b>Scholarship Increase for a period abroad</b>	
<b>Amount monthly</b>	725.0 €
<b>By number of months</b>	6



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

<b>Additional information: educational activity, teaching assistantship, computer availability, desk availability, any other information</b>
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