



PhD in INGEGNERIA GESTIONALE / MANAGEMENT ENGINEERING - 39th cycle

**PNRR 118 PA Research Field: GOVERNING NEW TRENDS IN BUSINESS AND INNOVATION
ECONOMICS**

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

New economics and innovation trends are becoming increasingly important in current productive systems. The rampant development of artificial intelligent, the raise of deep-tech entrepreneurship, the globalization (and reshoring) of value chains, the challenges of climate change, and the call for a more diverse workforce are putting in to questions traditional ways of conducting and regulation business. Within this context, this PhD project aim to shed lights on these emerging trends

Methods and techniques that will be developed and used to carry out the research

The aim of this research is ample and ambitious. Therefore, it will require multiple leading-edge methodologies suitable and specific to each and any of the trends under investigation. These methodologies include – but are not limited to - field and laboratory experiments for analyzing decision-making, artificial intelligence, machine learning approaches, advanced statistics, and econometric techniques. Data will be collected from primary (e.g., dedicated surveys) and secondary sources (e.g., commercial databases, data from governmental agencies, and documents of firms and public bodies). This massive data collection will result in comprehensive, unique data tailored to the project's research issues.

Educational objectives

The educational objectives are threefold. First, the Ph.D. candidate will learn how to perform scientific research



	(e.g., literature reviews, methodologies selection, advanced data analysis tools). Second, the candidate will learn about the hurdles that the new grand challenges pose to current productive and innovation systems. Third, the candidate will be able to disseminate the project results to inform policymakers to design policies for navigating the current turbulent and vibrant economic landscape and contribute to building a better society through a wise combination of technology advancements and human-centric perspectives.
Job opportunities	Policymakers and relevant have a rampant interest in navigating grand challenges and new economic and innovation trends to ensure the well-being of individuals, organizations, and society. Accordingly, they need scientifically-sounded evidence and support for building productive systems projected towards technological advancements, embracing the centrality of human beings, and forging a better society. Thus, the demand for specialists knowledgeable in these topics has increased and is expected to increase further in the upcoming years. This research project can offer candidates attractive job opportunities in national and international public bodies, governmental agencies, and organizations like the OECD, United Nations, and World Bank, to cite a few. Moreover, as with every leading-edge Ph.D. project, it will pave the way to an academic career in prestigious national and international universities.
Composition of the research group	2 Full Professors 2 Associated Professors 2 Assistant Professors 2 PhD Students
Name of the research directors	Cristina Rossi and Luca Grilli

Contacts
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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	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)	
By number of months at the company	6
Institution or company where the candidate will spend the period abroad (name and brief description)	
By number of months abroad	6

Additional information: educational activity, teaching assistantship, computer availability, desk availability, any other information
A desk and a PC will be available for the candidate. The candidate has access to scientific databases and software tools and can attend a wide range of methodological courses. Moreover, the candidate will be involved as a paid teaching assistant and has a research budget for attending conferences and performing activities related to the research project.