



PhD in INGEGNERIA GESTIONALE / MANAGEMENT ENGINEERING - 38th cycle

INAIL Research Field: CREATING AND NURTURING INNOVATION ECOSYSTEMS

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

Innovation research has for long dedicated a major attention to the characteristics and behaviours of individuals or firms in enabling, fostering, and altering an innovation process (Teece, 1986; Audretsch 1995; Hitt 1996; Rogers 2004). This is still the case. However, both leading scholars and political institutions acknowledge innovation more as a result of a collective process (Moore, 1993; Adner, 2006; OECD, 2016; Nambisan et al., 2019). Scholars highlighted the need to understand innovation in broader settings, such as the innovation ecosystems (Gawer and Cusumano, 2002; Iansiti and Levien, 2004; Autio and Thomas, 2014).

Innovation ecosystems are network of interconnected organizations organized around a focal firm or platform, and incorporating both production and use side participants, and focusing on the development of new value through innovation (Autio and Thomas, 2014). Research and practice on innovation ecosystem is abundant since the seminal work by Adner (2006). For instance, a dominant stream of research focused on how to create and nurture an innovation ecosystem. However, most studies tend to innovation ecosystems build around a focal (private) firm.

This is not always the case in practice. Also, other form of organizations such as public organizations willing to contribute the big societal challenges (like health and worker protection) may need to create or participate to an innovation ecosystem. They may need to explore for instance the investments platforms operating in the



	<p>venture capital market and related business opportunities. Some scholars highlight that different types of innovation ecosystems exist in practice (Zahra and Nambisan, 2012). Yet, few practice-oriented model and empirical investigations focus on how organisations operating for the public good may create and nurture their innovation ecosystem.</p> <p>This research project will mend to this gap, and it will provide a strategic orientation and an operative model for public organizations willing to support and foster innovation. By doing so, the Ph.D. candidate will provide managerial and research implications to advance the current state of knowledge in innovation.</p>
Methods and techniques that will be developed and used to carry out the research	Both qualitative and quantitative methods will be employed depending on the research needs and data available/collected.
Educational objectives	Beyond developing a distinctive understanding of the approaches to innovation and (platform-based) ecosystem theory, the PhD Student will learn how to design a sound research project, how to develop a new theory and validate it through a robust research design. The PhD Student will learn how to interact with the scientific community and with leading companies and Institutions.
Job opportunities	<p>At the end of his/her PhD, the selected Student will have the opportunity to explore together with the research group and his/her supervisor different job alternatives, such as remaining in academia with a post-Doc position within the research group or in other Business Schools; applying for a position in enterprises, consultancy firms or Institutions interested to the very distinctive competences and network of contacts developed during the PhD.</p> <p>Additionally, the opportunity to develop a career pathway in INAIL based on the achievements of the doctoral studies will be explored.</p> <p>As reported in ART 1 of the Convention , the project will include a period to be carried out at the INAIL bodies, in accordance with the research development program, and will pursue educational objectives related to the PhD itself. The scholarships are subject to the presence of PhD</p>



	students at INAIL compatibly with the teaching activities coordinated with the tutor of the Politecnico. Each project will be followed by the INAIL representatives together with the tutors of the Politecnico.
Composition of the research group	5 Full Professors 2 Associated Professors 2 Assistant Professors 13 PhD Students
Name of the research directors	Prof. Angelo Cavallo

Contacts	
angelo.cavallo@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	725.0 €
By number of months	6

Additional information: educational activity, teaching assistantship, computer availability, desk availability, any other information
<p>The selected PhD Student will be offered the opportunity to develop teaching capabilities through the involvement as a teaching assistant in one of the courses chaired by the Professors affiliated to the research group, also according to her/his attitude and interests. Courses cover topics on Healthcare Management and Innovation in Life Science. There will be the opportunity to be involved in the development of new educational programs both at the Master of Science level and the post-graduate level (jointly with the POLIMI Graduate School of Business). The selected PhD Student will be located at INAIL premises in Rome where she/he will have desk availability. Doctoral classes will be attended in Milan at POLIMI School of Management.</p>