



PhD in INGEGNERIA GESTIONALE / MANAGEMENT ENGINEERING - 37th cycle

THEMATIC Research Field: LEAN AND SUSTAINABILITY

Monthly net income of PhDscholarship (max 36 months)

€ 1400.0

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	There is an increasing interest in Sustainability, both for product and for processes. The European Commission has made Sustainability one of the two main developing line for research and investments, devoting an unprecedented amount of resources for this. Nonetheless, companies are still at the beginning of this process and are lacking concrete models to effectively make their activities more sustainable. This research aims at developing methods and tools for Sustainability based on Lean approach, that is well known to address wastes, and to be based on the engagement of all people of the company, at all levels.
Methods and techniques that will be developed and used to carry out the research	The research will be carried out through literature review, case studies, survey
Educational objectives	The educational objectives are to give a deep understanding of the Lean approach and of the main sustainability issues, and then develop knowledge to exploit the lean approach to improve the Sustainability of products and processes
Job opportunities	The knowledge gathered during the PhD, both in term of content, and in term of methods, are sought after by manufacturing organisations, service providers, and consulting companies. In particular, this PhD will provide knowledge in two fields: sustainability, and operational excellence, doubling the job opportunities



Composition of the research group	1 Full Professors 0 Associated Professors 1 Assistant Professors 1 PhD Students
Name of the research directors	prof. Alberto Portioli

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	566.36 €
By number of months	6

Additional information: educational activity, teaching assistantship, computer availability, desk availability, any other information
<p><i>Funding for educational activities: 1st year: 1200 euros per student, 2nd year: 1200 euros per student, 3rd year: 1200 euros per student.</i></p> <p><i>Teaching assistantship: There are various forms of financial aid for activities of support to the teaching practice. The PhD student is encouraged to take part in these activities, within the limits allowed by the regulations.</i></p> <p><i>Desk availability: shared use</i></p> <p><i>Computer availability: individual use</i></p>