

PhD Programme in “Management Engineering”

The PhD programme in “Management Engineering” offers 22 positions (of which 18 fully funded with scholarships) for the 36th PhD cycle at Politecnico di Milano. All scholarships cover three years of study and research.

The present call includes the scholarships listed in the enclosed table.

The Generic scholarships labelled as “Management Engineering” are associated with research in one or more of the following topics

- *Towards the circular economy of resources: matching industrial transitions and societal transformations*
- *Cognitive and sense-making dynamics within new service development*
- *Economics of science and innovation*
- *Industrial dynamics in emerging industries*
- *Innovative digital procurement to manage supply chain risk and sustainability*
- *Innovation and cooperation for sustainability*
- *Organization 4.0: alternative strategies, organizational models and technological solutions for Smart Manufacturing*
- *Planning for sustainable supply chain management: challenges, methods and the role of new technologies*
- *Policy and innovation for social impact*
- *Revolutionizing health care through value-based innovation: challenges and emerging paradigms*
- *Seed and start-up finance*

Please notice that, in order to be eligible for any of the scholarships, you must (in the registration process) declare that you intend to compete for a scholarship (see also sections 6.4 and 7.6 of the [Quickstart](#) manual).

For further information about the Topic scholarships please visit the [Topic Scholarships webpage](#)

For further information about the Interdisciplinary scholarships please visit the [Interdisciplinary Scholarships webpage](#)



#	Type	Research topic	Granting Institution
1	Generic	<i>"Management Engineering"</i>	Italian Ministry of University and Research Politecnico di Milano
2	Generic	<i>"Management Engineering"</i>	Italian Ministry of University and Research Politecnico di Milano
3	Generic	<i>"Management Engineering"</i>	Italian Ministry of University and Research Politecnico di Milano
4	Generic	<i>"Management Engineering"</i>	Italian Ministry of University and Research Politecnico di Milano
5	Generic	<i>"Management Engineering"</i>	Italian Ministry of University and Research Politecnico di Milano
6	Generic	<i>"Management Engineering"</i>	Italian Ministry of University and Research Politecnico di Milano
7	Generic	<i>"Management Engineering"</i>	Italian Ministry of University and Research Politecnico di Milano
8	Generic	<i>"Management Engineering"</i>	Italian Ministry of University and Research Politecnico di Milano
9	Topic	<i>"The impact of digital technologies on public utility services"</i>	Italian Ministry of University and Research Politecnico di Milano (Prof. Michela Arnaboldi)
10	Topic	<i>"Fostering SPACE ECONOMY in Europe through programme governance and business global innovations"</i>	ThalesAleniaSpace SpA (Prof. Paolo Trucco and Prof. Antonio Ghezzi)
11	Topic	<i>"Digital transformation of HR processes: the pivotal role of people analytics"</i>	Costa Crocere (Prof. Mariano Corso and Prof. Luca Gastaldi)
12	Topic	<i>"New competences for the digital transformation"</i>	Department of Management Engineering (Prof. Luca Gastaldi)
13	Topic	<i>"Enhancing retail stores processes through IoT technologies: strategies and assessment models"</i>	Department of Management Engineering (Prof. Angela Tumino)
14	Topic	<i>"Occupational Safety Management 4.0"</i>	Department of Management Engineering (Prof. Guido Micheli)
15	Topic	<i>"Digital twins for advanced manufacturing operations"</i>	Department of Management Engineering (Prof. Alessandro Pozzetti e Prof. Marco Macchi)



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PHD SCHOOL

16	Topic	<i>"Sustainability performances in Industry4.0 production systems"</i>	Department of Management Engineering (Proff. Marco Taisch e Luca Fumagalli)
17	Interdisciplinary	Industry 4.0: <i>"Complexity and connectivity in international economic networks of goods and services"</i> . In collaboration with the PhD Programme in "Information Technology"	Politecnico di Milano (Proff. Lucia Tajoli e Mario Piccardi)
18	Interdisciplinary	Health: <i>"Social prescribing: from UK to Italy through the synergy between Design and Management"</i> . In collaboration with the PhD Programme in "Design"	Politecnico di Milano (Proff. Cristina Masella and Daniela Sangiorgi)