

PERSONAL INFORMATION

Francesca Montagna



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Sex Female | Date of birth 08/11/1975 | Nationality [Italian](#)

WORK EXPERIENCE

POLITECNICO DI TORINO position

Main activities

- 2022, Full academic qualification in the recruitment field 09/B1 ING-IND/ 16 Tecnologie e Sistemi di Lavorazione (Production Technologies and Systems).
- 2018, Associate Professor of Innovation Management and Product Development.
- 2006, Assistant Professor in Technologies and Production Systems
- 2003-2004, Research Fellowship in Operation Research and Decision Aiding
- Effective member of the Faculty board of the B.Sc. and M.Sc. Programmes in Industrial Engineering and Management, Industrial Design, Data Science
- Effective member (until 2013), invited member (from 2013 to now) of the PhD Faculty in Management, Production and Design.
- Teaching activities in Innovation Management and Product Development
- Teaching activities in Production Management and Control
- Technology transfer activities with companies and public bodies, including Alenia Aermacchi SpA, Thales Alenia Space, AVL Spa, Barilla Spa, P&G SpA, TIM SpA, Vodafone SpA, Comune di Torino, Legacoop.

Other scientific activities

- Member of the Advisory Board of the worldwide community Design Society
- Responsible for Politecnico di Torino of the Business Creation pillar at EIT Manufacturing
- Research and Teaching Visiting at Chalmers University of Technology (2022)
- Guest Editor for Artificial Intelligence for Engineering Design, Analysis and Manufacturing (AI EDAM), thematic collection: Design Computing and Cognition, Spring 2020, Vol.34, No.2.
- Editor for Systems of the special issue: Smart Manufacturing Systems for Industry 5.0
- Editor for DS 80-8 Proceedings of the 20th International Conference on Engineering Design (ICED 15) Vol. 8 and 3

Research projects

- Responsible for the EU project No-Stress (2023-2023)
- Responsible for the EU project DeepInc, (2020-2020)
- Responsible for a research project for Camera di Commercio di Torino (2020-2023)
- Responsible of a research project for COMAU (2019-2019)
- Responsible of a research contract for Abet Laminati SpA (2017-2018)
- Responsible of a Research project AVL (2014-2017)
- Responsible of a Research contract STC (2015-2016)
- Responsible of other research projects with cooperatives (2018-)

Academic appointments	<ul style="list-style-type: none"> - Effective member of the University board for the analysis of the university data (Centro Studi in PEPS/PSQL) (2019-nowdays) - President of the committee of the Doctoral School of Politecnico di Torino on transversal and multidisciplinary skills (2020-2023) - President of the University joint Staff-Student committee on teaching activities (2019-2022) - Member of the University joint Staff-Student committee on teaching activities (2016-2019) - Member of the timetable committee for Ingegneria Gestionale (up to 2019) - Member of the University board for Communication and Curriculum counselling (up to 2011)
Prizes and Achievements	<ul style="list-style-type: none"> - reviewer's favorite award for Cantamessa et al. (2013) - highly cited research in Design Studies, for Cascini et al. (2013) - JMD Editors' Choice Award for Hassannezhad et al. (2019) - young author award for Morabito et al. (2021). - Achieved open badges about 'Learning to teach' and 'Mentoring'
Consultancy	<p>2019-2022: Stranaidea Impresa Sociale Onlus, Responsible for Service Innovation</p> <p>2018-2020; 2022- nowadays: DSP Impresa Sociale Onlus, Responsible for Service Innovation</p> <p>2018-2018 ABET LAMINATI SpA, Responsible of the Trade Marketing activities and for the Innovation-driven strategy</p>

EDUCATION AND TRAINING

2019	- Harvard University – Teaching Case method Seminar, I and II level
2007	- Politecnico di Torino: Ph.D in Industrial Engineering
2001	- Politecnico di Torino: Master's Degree in Industrial Engineering

PERSONAL SKILLS

Mother tongue(s)	Italian
Other language(s)	English (C1), French (A1)
Job-related skills	Innovation Management, Operations Management, Service Design, Project Management, Team Management
Other skills	Marketing, Process re-engineering, Organization Design, Social Innovation

RELEVANT PUBLICATIONS

- Montagna F., Marcocchia G., Cantamessa M. (2023), Tackling the Design of Platform-Based Service Systems, Integrating Data and Cultures: The Case of Urban Markets. In: SYSTEMS, vol. 11.
- Cantamessa, M., Montagna, F., Altavilla, S., Casagrande-Seretti, A. (2020), Data-driven design: The new challenges of digitalization on product design and development. In: DESIGN SCIENCE, vol. 6. ISSN 2053-4701.
- Casagrande-Seretti Alessandro, Montagna Francesca, Cascini Gaetano, A Decision Support Model to Assess Technological Paradigms / - Accepted for publication in: INTERNATIONAL JOURNAL OF TECHNOLOGY MANAGEMENT. - ISSN 0267-5730. - 80:1/2, pp. 61-84.
- Cantamessa M., Montagna F., Unpacking the innovation toolbox for design research and practice, DESIGN SCENCE, vol. 5, n.e8, pp. 1-30.
- Montagna, F.; Cantamessa, M.; Cascini, G. Design for Innovation - a methodology to engineer the innovation diffusion into the development process. In: COMPUTERS IN INDUSTRY, vol. 75, pp. 46-57.
- Cantamessa M.; Montagna F.; Management of Innovation and Product Development: Integrating Business and Technological Perspectives. Springer-Verlag London Ltd. ISBN 978-1-4471-6722-8

- Salvador, E.; Montagna, F.; Marcolin, F. Clustering recent trends in the open innovation literature for SME strategy improvements. In: INTERNATIONAL JOURNAL OF TECHNOLOGY, POLICY AND MANAGEMENT, vol. 13 n. 4, pp. 354-376.
- Mahmood A.; Montagna F. (2013) Making Lean Smart by using System of Systems Approach. In: IEEE SYSTEMS JOURNAL, pp. 537-548.
- F. Situating needs and requirements in the FBS framework. In: DESIGN STUDIES, vol. 34 n. 5, pp. 636-662.
- Alfieri A.; Cantamessa M.; Montagna F.; Raguseo E. Usage of SoS methodologies in production system design. In: COMPUTERS & INDUSTRIAL ENGINEERING, vol. 64 n. 2, pp. 562-572.
- Neirotti P.; Cantamessa M.; Montagna F. Understanding the organizational impact of PLM system: Evidence from an aerospace company. In: INTERNATIONAL JOURNAL OF OPERATIONS & PRODUCTION MANAGEMENT, vol. 32 n. 2, pp. 191-215.
- Montagna F. Decision-aiding tools in innovative product development contexts. In: RESEARCH IN ENGINEERING DESIGN, vol. 22 n. 2, pp. 63-86.

Bibliographic Indicators

SCOPUS: Documents/Citations/h-index = 46/449/12

Google SCHOLAR: Documents/Citations/h-index =85/849/21

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