

PERSONAL INFORMATION

Giovanni Miragliotta



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- ING/IND 17 – Impianti Industriali Meccanici

Sex Male | Date of birth 17/11/1973 | Nationality Italian

Enterprise	University	EPR
<input type="checkbox"/> Management Level	<input type="checkbox"/> Full professor	<input type="checkbox"/> Research Director and 1st level Technologist / First Researcher and 2nd level Technologist / Principal Investigator
<input type="checkbox"/> Mid-Management Level	<input checked="" type="checkbox"/> Associate Professor	<input type="checkbox"/> Level III Researcher and Technologist
<input type="checkbox"/> Employee / worker level	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

WORK EXPERIENCE

From Nov 2014 to Now

Associate Professor

Department of Economics, Management, and Industrial Engineering, Politecnico di Milano – Italy

- Professor of Advanced Supply Chain Planning course, Management Engineering
 - Professor of Industrial Plants Design, Energy Engineering
 - Director of the SC Analytics Master program at the Graduate School of Management
 - Co-Director of AIRIC, the applied research center on Artificial Intelligence of PoliMi (www.airic.polimi.it)
 - Academic Focal Point @MADE 4.0, the Competence center of PoliMI on Industry 4.0. Use Cases: Logistics 4.0, Digital Backbone, Smart & Connected Product.
 - Co-Director of the Italian Observatory on Artificial Intelligence of PoliMi
 - Co-Director of the Italian Observatory on 5G and Beyond of PoliMi
 - Co-Director of the Italian Observatory on Smart & Connected Car of PoliMi
- Business sector: Research Centre, Public Administration

From Jan 2003 to Oct 2014

Assistant Professor

Department of Economics, Management, and Industrial Engineering, Politecnico di Milano – Italy

- Professor of Operations Management, Mechanical Engineering
 - Professor of Industrial Plants Design, Energy Engineering – *still active*
 - Core Faculty at the Graduate business school of Polimi, Executive and Full-time programs, topics: IoT, AI, Digital Operations, Brand protection and Operations management – *still active*
 - Co-Founder and Co-Director of IoTLab, the applied research center on Internet of Things of PoliMi (www.iotlab.polimi.it) – *still active*
 - Co-Director of the Italian Observatory on Mobile Payment & Commerce of PoliMi
 - Co-Director of the Italian Observatory on Internet of Things of PoliMi – *still active*
- Business sector: Research Centre, Public Administration

From Oct 1998 to Dec 2002

Research Fellow

Department of Economics, Management, and Industrial Engineering, Politecnico di Milano – Italy

- Instructor of Operations Managemens, Logistics, Industrial Plant Design, Industrial Technologies, within several Engineering programs of Politecnico di Milano
- Visiting scholar, Anderson School of Business, UCLA, Los Angeles.

EDUCATION AND TRAINING

2000-2003	PhD in Management Engineering - Politecnico di Milano PhD Dissertation on "Multisite Production Management"	4
1992-1998	Master's degree (cum Laude) in management engineering - Politecnico di Milano Master's thesis in "Strategic inventory management under uncertainty"	

WORK ACTIVITIES

Main projects	Since 1998, he has run over 100 cooperation projects in the areas of Operational Excellence, BPR, Performance Measurement, New technologies adoption, Cost accounting and Operations strategy. Among the companies he worked for, the following ones can be explicitly named: ABB, Agrari, Almaviva, Benetton, Bertazzoni, Bayer, Bracco, Caprari pumps, Consorzio Dafne, Dallara Automobili, DHL International, Edison, ENI, e-Vai, Ferrari Gestione Sportiva, ICR Cosmetics, Indicod-ECR, Italgas, La Marzocco, Luxottica, Mediamarket, Neologistica, Paylab Ingenico, Pirelli, Ricoh Europe, Kone Europe, SIA (Nexi), Sea Aeroporti, Sedapta, Selex ES, Snam Rete Gas, Sony Europe, Vimar, Whirlpool
Entrepreneurship	Co-founder of IqConsulting srl, academic spinoff at Università degli Studi di Brescia, now part of Digital360 (listed).
Tutoring activities	Tutor of PhD students in the Economics, Management, and Industrial Engineering (DRIG) Ph.D. course Tutor of master's Students in the Management Engineering and Mechanical Engineering Tutor of MBA, execMBA students at Polimi Graduate School of Business (Former MIP)
Awards	Observatory Industry 4.0 - School of Management Impact Prize 2017, for the excellent results in terms of impact on the academic community, managerial practice, policy practice and on society in general. Miragliotta G., Perona M., 2004, Complexity management and supply chain performance assessment. A field study and a conceptual framework, International Journal of Production Economics, Vol. 90, 103-115 – Selected top 25 Most Downloaded article in the International Journal of Production Economics, Decision Science Area, July – Sept. 2004.
Editorial activity	2019 - Member of the organizing committee of the First Industrial Conference on "Artificial Intelligence in Healthcare", held in Milan, October 2019. 2018 - Member of the organizing committee of the Scientific Workshop on "4th industrial revolution: Business model innovation, local ecosystems and global competition", held in Trento, March 2018 2016 - Member of the organizing committee of the EDIM (European Doctorate in Industrial Management) workshop on "Industry 4.0, the digital transformation", promoted by Politecnico di Milano, Università Politecnica Madrid (UPM) e Royal Institute of Technology, held in Cremona, Italy, June 2016. Member of the organizing committee of the Italian Summer School on Industrial Plants Engineering, 2003 and 2004 editions, Pontremoli. Occasional Reviewer for Production Planning and Control, International Journal of Production and Operations Management, International Journal of Production Economics, International Journal of Production Research, European Journal of Operational Research, International Journal of RF Technologies Research and Applications, Sensors.
Invited presentations (selected, last 10 year)	2013, Body of European Regulators for Electronics Communications (BEREC), "Internet of Things", Bruxelles. 2014, Agenzia per le comunicazioni (AGCOM), "Servizi di comunicazione Machine to Machine (M2M) in Italia", Rome

2015, X Commissione della Camera dei Deputati, "Audizione sullo stato dell'Industria 4.0 in Italia", Rome.

2016, ABB Board of Directors, inspirational workshop, "Industrial Internet of Things", Monza.

2017, Brembo Awards, "Industry 4.0, the great opportunity", Bergamo.

2017, Consiglio Nazionale Dottori Commercialisti Esperti, "Industria 4.0, la grande opportunità",

2018, UK Embassy, "UK-Italy dialogue: exploiting the potential of the digital economy", Milan.

2018, Alta Scuola Politecnica, "Internet of Things and CPS: application scenarios and use cases", Loano

2019, Invited Chairman, "International Initiatives on AI and Health", First Industrial Conference on Artificial Intelligence and Healthcare, Milano.

2019, Ducati Motors Board of Directors, inspirational workshop, "The Fourth Industrial Revolution", Borgo Panigale.

2020, Italcementi Board of Directors, inspirational workshop, "Decision Making, Collaboration, Innovation", Stezzano.

2020, Bosch, 11th Global Coordination Meeting, "Artificial Intelligence, designed for life", final keynote session, Torino.

2021, ERS Conference, "AI for Supply Chain Management: a glimpse to the future", keynote speech, Milano.

2021, Selected member of the experts' board that supported the Italian Government in the definition of the "Italian Strategy on Artificial Intelligence".

Grants

Patents

ADDITIONAL INFORMATION

Publications	Total number of publications in peer-review journals:	23
	Total number of citations (scopus):	1450
	H index (Scopus):	13
	Class A journals and publications (Books, Q1 Scopus):	21

Insert **relevant** publications (5-10 publications)

- Miragliotta G., Tedaldi G., Gastaldi L., Lessanibahri S., Companies' adoption of Smart Technologies to achieve structural ambidexterity: an analysis with SEM", *Technological Forecasting and Social Change* 2022, vol 17, 121187
- Miragliotta G., Tedaldi G. , "The role of Engineering-to-Order machinery manufacturers in future Cloud Manufacturing supply chains: a business case and a strategic perspective", 2022, *Production Planning and Control*, Vol 174, 121187.
- Arvidsson N., Ghezzi A, Jucevski M., Mangiaracina R., Miragliotta G., 2019, "Transition towards omni-channel retailing strategies: a business model perspective", *International Journal of Retail & Distribution Management*, 47(2), 78-93.
- Miragliotta G. Shrouf F., 2015, "Energy management based on Internet of Things: practices and framework for adoption in production management", *Journal of Cleaner Production*, Vol. 100, 235-246.
- Balocco R., Perego A., Miragliotta G., Tumino A., 2011, "RFID adoption in the FMCG supply chain: an interpretative framework", *Supply Chain Management: An International Journal*, Vol. 16, No. 5, 299-315.
- Miragliotta G. , 2010, "The power of Dimensional Analysis in production systems design", *International Journal of Production Economics*, Vol. 131, No. 1, pp. 175–182.
- G. Miragliotta, A. Brun, I. Soydan, 2009, Coordinating multi-business sales through management simulators, *International Journal of Production Economics*, Vol. 121, No. 2, 533-549.
- Brun A., Caniato F., Caridi M., Castelli C., Miragliotta G., Ronchi S., Sianesi A., Spina G., 2008, Logistics and Supply Chain Management in Luxury Fashion retail: empirical investigation of Italian firms, *International Journal of Production Economics*, Vol. 114, No. 2, 554-570.
- Miragliotta G., 2006, Layers and Mechanisms: a new taxonomy for the Bullwhip Effect, *International Journal of Production Economics*, Vol. 104, No. 2, 365-381.
- Miragliotta G., Perona P., 2004, Complexity management and supply chain performance assessment. A field study and a conceptual framework, *International Journal of Production Economics*, Vol. 90, 103-115.