


PERSONAL INFORMATION **Giovanni Miragliotta**

 Dip. Ingegneria Gestionale del Politecnico di Milano, Via Lambruschini 4/B, 20156 Milano



WORK EXPERIENCE

2014–Present **Current Position**

Full Professor, Department of Management, Economics and Industrial Engineering, Politecnico di Milano, Milan (Italy)

Current TeachingUndergraduate / Graduate education:

- Industrial Plants, Bachelor of Science, Energy Engineering.
- Advanced Supply Chain Planning, Master of Science, Management Engineering

Post Graduate / Executive education:

- Since 2003, Faculty Member of GSOM, the Graduate School of Management of Politecnico di Milano
- Subjects: Operations Management, Digital Supply Chain & Extended Enterprise, Industrial IoT, Artificial Intelligence, Data Culture, in Fulltime MBA, Executive MBA and Management Academy programs.

Current Research areas

IT Driven innovation in Operations and Supply Chain Management, platform-oriented business in Manufacturing; Smart & Connected products and services

Artificial Intelligence applications to business processes, Business Process Automation.

Sustainable design and manufacturing, Design for Repair.

Main Academic Responsibilities

Since 2004, co-director of the IoT Lab (www.iotlab.polimi.it), the applied research center of PoliMi dedicated to Internet of Things and Smart & Connected Products.

Since 2020, co-director of AIRIC (www.airic.polimi.it), the applied research center of PoliMi on Artificial Intelligence.

Scientific director at Osservatori.net, leading the following streams: Internet of Things, Smart & Connected Car, Artificial Intelligence, 5G & Connected Digital Industry, Intelligent Business Process Automation.

Since 2010, in charge of research projects with a total funding of over 10.0 mln €.

Member of the organizing committee of two national Summer Schools in Industrial Plants Design and Management, international research workshops, Int. Journals Special Issue.

Co-designer of two areas within MADE, the Competence Center of PoliMi on Industry 4.0, namely Logistics 4.0 and Digital Backbone.

Key account of 1000MAD, the autonomous car research project of PoliMi (www.1000MAD.deib.polimi.it).

Blind reviewer for several international journals.

Research responsibilities for Public Institutions.

Responsible of research projects addressing supporting Italian policy makers in the area of Digital Identity and SPID (2015, AGID), Digital Payment (2016, MEF), Industry 4.0 (2016, MISE), 5G technologies (2019, MISE), AI Strategy (2021, MITD), AI and Job Impact (MEF, 2025).

Scientific Publications

He is (co-) author of over 110 publications covering the areas of Operations Management, new Research Methodologies and ICT driven business innovation, of which 35 are listed on SCOPUS scientific database (dec-2024: 2054 citations, H-index = 16).

Invited Speaker

Invited speaker in private and public events on the topic of Digital transformation, both to Italian and international audiences.

Business Advisor

Since 1998, he has run over 50 advisory projects for Politecnico di Milano 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, Agrati, Almaviva, Benetton, Bertazzoni, Bayer, Bracco, Caprari, Carel, Consorzio Dafne, Dallara, DHL, Edison, Eitowers, ENI, Ferrari, ICR Cosmetics, Hitachi, Inail, Indicod-ECR, La Marzocco, Mondadori, Movyon, Neologistica, Paylab Ingenico, Ricoh Europe, Sea Aeroporti, Selex ES, Snam Rete Gas, Sony Europe, Vimar, Whirlpool.

Entrepreneurship

Co-founder of Iq Consulting, acknowledged as an academic spinoff in Dec-2015 by Università degli Studi di Brescia, now part of Digital360.

EDUCATION AND TRAINING

2000–2003 PhD in Management Engineering, Politecnico di Milano

PhD dissertation title: “Techniques and tools for multisite production Management”.

The PhD program was funded by Atomos srl, a SW house operating in the area of APS / MES solutions. The algorithm developed in the PhD program was at the core of Atomos' former Expert Plan Suite.

2002 Visiting Scholar

Anderson School of Business, UCLA, Los Angeles (United States)

1993–1998 Master degree in Management Engineering, Politecnico di Milano

MSc thesis title: “Strategic stocks sizing through uncertainty deployment”, cum laude

PROFESSIONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Technical skills and domains Data analysis, business process mapping
 Design and Management of Industrial Plants and Supply Chains
 IT specifications, Connected Product architectures
 Digital Transformation strategy and roadmapping

PERSONAL INFORMATION

Driving Licence B, Offroad driving certificate (FIP) Level

Since 2021, co-director of the No profit Initiative “Al Lavoro 4.0”, promoted by Fondazione San Carlo, Caritas Ambrosiana and Digital360, providing education, training and job search support to ≈15 young NEETs / year to find a job.

Guitar player in a Heavy metal band.
 Active in martial arts, Karate Kumite.

Firma autografa omessa ai sensi dell'art. 3 del D.Lgs. n. 39/1993

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided