

PERSONAL INFORMATION

Carlo Rafele

 Affiliation
 Politecnico di Torino
 Department of Management Engineering and Production (DIGEP)

Sex male | Date of birth 26/04/1959 | Nationality Italian

Enterprise	University	EPR
<input type="checkbox"/> Management Level	<input checked="" 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 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 2010 to now [Full Professor on Industrial Plants, Project Management, and Logistics](#)
 Dept. of Management and Production (DIGEP)
 See below for main activities and responsibilities

University
- 2002 - 2010 [Associate Professor on Industrial Plants, Project Management, and Logistics](#)
 DIGEP
 See below for main activities and responsibilities

University
- 1993 - 2002 [Researcher on Industrial Plants, Project Management, and Logistics](#)
 DIGEP
 See below for main activities and responsibilities

University
- 1990 – 1993 [Project Manager](#)
 Responsible for engineering projects
 Pianelli & Traversa, Rivoli (To), Italy
 Automation Plants
- 1988 – 1990 [Technical coordinator](#)
 Design and construction of automation plants and machines
 Rosotex, Bruino (TO), Italy

Industrial plants manufacturer
- 1986 - 1990 [Technology Engineer](#)
 Factory plant and machine design and installation
 Carello – Magneti Marelli Group , Torino, Italy

Automotive component manufacturer

1986 - 1988 **Technology Designer**
 Factory plant and machine design
 IEC, Torino, Italy
 Engineering company

EDUCATION AND TRAINING

1978 - 1984 **MsC in Mechanical Engineering**
 Politecnico di Torino, Italy
 Mechanical and Structure Design

1973 - 1978 **Scientific Diploma**
 Liceo Scientifico E. Majorana, Torino, Italy
 • Scientific knowledge

WORK ACTIVITIES

Main projects

2021 – now
 Chairman of the Management Engineering Programs of the Politecnico di Torino

2014 – 2019
 Director of the Master and Lifelong Education School of the Politecnico di Torino

2019-2022
 Coordinator for a DIGEP project in the public announcement "Dipartimento di Eccellenza" with a budget of 300 k€, for the creation of a logistic laboratory with automated warehouse and transport systems

2018 – 2021
 Coordinator for DIGEP of a national Project on Logistic Healthcare; budget 250 k€

2014 - 2019
 Coordinator for Politecnico di Torino of a national Project on Digital Healthcare; budget 600 k€

2002- 2008
 Coordinator of Regional public project and Italian private research projects for various owners for a total budget of more than 1,5 million €
 Referee for Health sector at Politecnico di Torino
 Member of several commissions within Politecnico di Torino.
 Coordinator for the BsC in Management at Politecnico di Torino for 6 years
 Referee for Regional Governments on Healthcare Logistics.
 Member of the Board of the Regional Scientific and Technological Park in Rivalta Scrivia

2001 – now
 He has collaborated with foreign universities, in particular with MIT in Boston, Tongji in Shangay and the Institute of Technology of the University of Addis Ababa, on topics related to logistics and project management.

2001 – now
 Founder and Coordinator of a research group called RESLOG which deals with the following topics:

- Methods for analyzing performance in the supply chain and developing measurement models.
- The logistics organization in the hospital.
- Project management in the industrial and construction sectors
- Methods for managing risks in projects and in the health sector.
- Models for organizational analysis in companies that operate by order.

- Analysis on the development and application of occupational safety in SMEs.

1993 – now

Teaching activities in Bcs, Msc, PhD courses Specialized Masters, Executive Masters, Professional courses on Industrial Plants, Logistics, Supply Chain Management, Project Management, Complexity Theory, Risk Management
Thesis supervisor for more than 25 students/year for a total of more than 500 students

Editorial activity Scientific Editor of the Italian Technical Journal *Impresa Sanità*, leader journal in the healthcare management sector
Reviewer of various International Journals

PERSONAL SKILLS

Mother tongue Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

ADDITIONAL INFORMATION

Publications Total number of publications more 150
Google Scholar 80
In peer-review journals (Scopus 39)
Total number of citations Google Scholar 1675; Scopus 575
H index Google Scholar 18 ; Scopus 12
Co- author of 3 books
List of publications :
https://iris.polito.it/cris/rp/rp13826?sort_byall=2&orderall=DESC&open=all

More relevant publications

Rafele, C., Logistic service measurement: A reference framework, *Journal of Manufacturing Technology Management*, 2004, 15(3), pp. 280–290

Cagliano, A.C., Grimaldi, S., Rafele, C., A systemic methodology for risk management in healthcare sector, *Safety Science*, 2011, 49(5), pp. 695–708

Cagliano, A.C., Grimaldi, S., Rafele, C., Choosing project risk management techniques. A theoretical framework, *Journal of Risk Research*, 2015, 18(2), pp. 232–248

Cagliano, A.C., De Marco, A., Grimaldi, S., Rafele, C., An integrated approach to supply chain risk analysis, *Journal of Risk Research*, 2012, 15(7), pp. 817–840

De Marco, A., Cagliano, A.C., Nervo, M.L., Rafele, C., Using System Dynamics to assess the impact of RFID technology on retail operations, *International Journal of Production Economics*, 2012, 135(1), pp. 333–344

Cagliano, A.C., Demarco, A., Rafele, C., Volpe, S., Using system dynamics in warehouse management: A fast-fashion case study, *Journal of Manufacturing Technology Management*, 2011, 22(2), pp. 171–188

De Marco, A., Rafele, C., Thaheem, M.J., Dynamic management of risk contingency in complex design-build projects, *Journal of Construction Engineering and Management*, 2016, 142(2), 04015080

Persona, A., Battini, D., Rafele, C., Hospital efficiency management: The just-in-time and Kanban technique, *International Journal of Healthcare Technology and Management*, 2008, 9(4), pp. 373–391

Cagliano, A.C., Carlin, A., Mangano, G., Rafele, C., Analyzing the diffusion of eco-friendly

vans for urban freight distribution, *International Journal of Logistics Management*, 2017, 28(4), pp. 1218–1242
De Marco, A., Briccarello, D., Rafele, C., Cost and schedule monitoring of industrial building projects: Case study, *Journal of Construction Engineering and Management*, 2009, 135(9), pp. 853–862

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 in this CV

Turin, April 20th 2022