

Filippo Maria Ottaviani

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PoliTo | LinkedIn | Scopus | Web of Science | ORCID | GitHub

PROFESSIONAL SUMMARY

Assistant Professor and specialist in (Agile) Project and Systems Engineering Management, with extensive experience in research, teaching, and consulting. Skilled in data-driven decision-making, advanced analytics, modelling and simulation, and artificial intelligence. Proven track record in cross-industry projects, publications in leading peer-reviewed journals, and presentations at international conferences.

ACADEMIC APPOINTMENTS

Assistant Professor Politecnico di Torino, Italy	2025–
Postdoctoral Research Fellow Politecnico di Torino, Italy	2023–2025
Research Fellow Politecnico di Torino, Italy	2019–2020

EDUCATION

PhD in Management, Production and Design Politecnico di Torino, Italy	2020–2023
• Visiting Ph.D. Student, Universitat Politècnica de València, Spain	2023
MSc in Engineering and Management Politecnico di Torino, Italy	2016–2019
BSc in Engineering and Management Politecnico di Torino, Italy	2013–2016

TEACHING

Adjunct Professor Project Management and Cost/Value Analysis Automotive Engineering Politecnico di Torino, Italy	2026–
Adjunct Professor Project Management Management Engineering Politecnico di Torino, Italy	2020–
Adjunct Professor Modeling Complex Systems in Engineering and Management Politecnico di Torino, Italy	2025–
Lecturer Project Management Executive Master in Project Management for Business Performance & Innovation Politecnico di Torino, Italy	2020–
Lecturer Project Management ESCP Business School - Turin Campus	2026–
Lecturer Project Management Collège des Ingénieurs Italia	2024–
Lecturer Tecniche di Asset management per la gestione dei sistemi Alta Tensione Master Universitario di II Livello “Politech Lab”: Innovazione nei Sistemi Elettrici per l’Energia Politecnico di Torino, Italy	2026
Lecturer Project Management Master Universitario di II Livello in Ingegneria e Gestione Integrata delle Reti Autostradali Politecnico di Torino, Italy	2024–
Lecturer Project Management e Risk Management Master di II livello in “Management pubblico in Regione Liguria” (MAREL) Università di Genova, Italy	2025
Lecturer Project Management Master di II Livello in “Innovazione nei Sistemi Elettrici per l’Energia” Politecnico di Torino, Italy	2026
Lecturer Project Management e Risk Management Master di Innovazione nella Pubblica Amministrazione (MIPA) Università di Genova, Italy	2025
Lecturer Demand Planning First Level Master in Strategic Management for Global Business Università Cattolica del Sacro Cuore, Italy	2021

HONORS

Outstanding Reviewer ASCE <i>Journal of Construction Engineering and Management</i>	2025
Editor’s Choice Article MDPI <i>Buildings</i>	2025
Winner PMI Thesis & Doctoral Research Grant	2022–2024

CONFERENCE/SEMINARS

IPMA World Research Conference	2026
XXX AIDI “Francesco Turco” Summer School	2025
EURAM 2025 Annual Conference	2025
XXIX AIDI “Francesco Turco” Summer School	2024
ARCOM Conference 2024	2024
AEIPRO International Congress on Project Management and Engineering	2024
ProjMAN International Conference on Project Management 2023	2023
XXVIII AIDI “Francesco Turco” Summer School	2023
AEIPRO International Congress on Project Management and Engineering	2023
ProjMAN International Conference on Project Management 2021	2021
XXV AIDI “Francesco Turco” Summer School	2020
SMARTGREENS 2020	2020

ACADEMIC AND SCIENTIFIC WORK

Guest Editor

• <i>Buildings</i> Data-Driven Project Planning and Control: Advancing Cost, Schedule, and Risk Management	2025–2026
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Peer Reviewer

• <i>AI</i>	2025–
• <i>Algorithms</i>	2025–
• <i>Applied Sciences</i>	2025–
• <i>Automation in Construction</i>	2025–
• <i>Big Data and Cognitive Computing</i>	2025–
• <i>Buildings</i>	2025–
• <i>Construction Management and Economics</i>	2023–
• <i>Discover Applied Sciences</i>	2025–
• <i>Discover Artificial Intelligence</i>	2025–
• <i>Discover Civil Engineering</i>	2025–
• <i>Flexible Services and Manufacturing Journal</i>	2024–
• <i>Forecasting</i>	2026–
• <i>Frontiers in Built Environment</i>	2025–
• <i>IEEE Transactions on Engineering Management</i>	2025–
• <i>International Journal of Construction Management</i>	2023–
• <i>International Journal of Project Management</i>	2024–
• <i>Journal of Construction Engineering and Management</i>	2025–
• <i>Journal of Forecasting</i>	2024–
• <i>Journal of Industrial and Management Optimization</i>	2025–
• <i>Machine Learning and Knowledge Extraction</i>	2025–
• <i>Quality & Quantity</i>	2025–
• <i>Royal Society Open Science</i>	2026–
• <i>Scientific Reports</i>	2025–
• <i>Sustainability (Switzerland)</i>	2025–
• <i>Tunnelling and Underground Space Technology</i>	2026–

AFFILIATIONS

Member, Standards Reviewer PMI	2022–
Member, PM-SE Integration Working Group INCOSE	2026–
President Project Management League	2022–

INDUSTRY PROJECTS & CONSULTING

Engineering Project Management Consultant Vishay Semiconductor Italiana SpA Borgaro Torinese (TO), Italy	2025
Engineering Project Management Consultant SPEA SpA Volpiano (TO), Italy	2025
Engineering Project Management Consultant Occupy AI Srl Ivrea (TO), Italy	2025
Instructor Fondazione LINKS Torino (TO), Italy	2025
Data Scientist MA Srl Chivasso (TO), Italy	2024
Instructor Leonardo SpA (Helicopter Division) Cascina Costa di Samarate (VA), Italy	2023
Project Portfolio Management Consultant Regione Piemonte (XST031-Attuazione del PNRR) Torino (TO), Italy	2023–
Project Portfolio Management Consultant Politecnico di Torino (PROGES) Torino (TO), Italy	2023
Project Portfolio Management Consultant CVA SpA Châtillon (AO), Italy	2022–2023
Construction Project Management Consultant Infratrasporti.To Srl Torino (TO), Italy	2021–2022
Project Management Consultant Merlo SpA Cervasca (CN), Italy	2021
Instructor EnelGP Construction Academy	2019–2024
Business Consultant Airforce SpA Fabriano (AN), Italy	2016

STANDARDS

Process Analysis

- ISO/IEC 13053, 22468, 33001, 33002

Project Management

- AACE
 - *Skills & Knowledge of Cost Engineering*, 6th Edition
 - *Total Cost Management Framework*, 2nd Edition
- ISO 21500, 21502–21506, 21508
- PMI
 - *Agile Practice Guide*
 - *Business Analysis for Practitioners: A Practice Guide*
 - *PMBOK*, 6th, 7th, and 8th Editions
 - *Practice Standard for Earned Value Management*
 - *Practice Standard for Project Risk Management*
 - *Practice Standard for Work Breakdown Structures*
 - *Practice Standard for Scheduling*
 - *Process Groups: A Practice Guide*
 - *Risk Management in Portfolios, Programs, and Projects: A Practice Guide*
 - *The PMI Guide to Business Analysis*
 - *The Standard for Earned Value Management*
- Others
 - ANSI/EIA-748
 - GAO-09-3SP, GAO-16-89G, GAO-20-195G, GAO-24-105506
 - MIL-STD-881, MIL-STD-1521B

Systems and Software Engineering

- ISO/IEC/IEEE 15288, 15289, 24748

TECHNICAL SKILLS

Programming & Analytics: Python, Julia, IBM SPSS, Minitab, Stata, SAS Viya

Simulation: Vensim, Arena Simulation, SimPy

Optimization: IBM ILOG CPLEX, FICO Xpress Optimization, SciPy

Project Management: MS Project, Oracle Primavera P6, Jira, ProjectLibre

Business Intelligence: MS Power BI, Qlik, Tableau

SOFTWARE PROJECTS

Project Management | PMDT

Simulation and Modeling | OpenCLD

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Torino, Tuesday 12th May, 2026

