

Mattia Pedota

EDUCATION

| | |
|-----------|---|
| 2018-2021 | Ph.D. in Management, Economics and Industrial Engineering, Politecnico di Milano (with highest honors). |
| 2015-2017 | M.Sc. in International Management, Bocconi University. |
| 2012-2015 | B.Sc. in International Economics, Management and Finance, Bocconi University. |

ACADEMIC APPOINTMENTS

| | |
|------------------|--|
| May 2022-present | Assistant Professor of Management and Economics at the Department of Management, Economics and Industrial Engineering, Politecnico di Milano. |
| Jan-May 2022 | Postdoctoral Research Fellow on the topic “Innovation dynamics in the Fourth Industrial Revolution”, Politecnico di Milano. |
| 2018-Dec 2021 | Ph.D. Candidate in Management, Economics and Industrial Engineering, Politecnico di Milano. |

SCIENTIFIC PUBLICATIONS

SINGLE AUTHOR:

Pedota, M. (2023). Big data and dynamic capabilities in the digital revolution: the hidden role of source variety. **Research Policy**, 52(7): 104812.

FIRST AUTHOR:

Pedota, M., Grilli, L., & Piscitello, L. (2023). Technology adoption and upskilling in the wake of Industry 4.0. **Technological Forecasting and Social Change**, 187: 122085.

Pedota, M., Grilli, L., & Piscitello, L. (2021). Technological paradigms and the power of convergence. **Industrial and Corporate Change**, 30(6): 1633-1654.

Pedota, M., & Piscitello, L. (2021). A new perspective on technology-driven creativity enhancement in the Fourth Industrial Revolution. **Creativity and Innovation Management**, 31(1): 109-122.

ALPHABETICAL ORDER:

Grilli, L., & Pedota, M. (2024). Creativity and artificial intelligence: a multilevel perspective. **Creativity and Innovation Management**, 33(2): 234-247.

INTERNATIONAL SCIENTIFIC CONFERENCES

Acceptance of the paper “Absorptive capacity revisited: unraveling the role of AI in knowledge absorption” at the **Academy of Management Conference**, Chicago: August 9-13, 2024.

Presentation of the paper “Absorptive capacity revisited: unraveling the role of AI in knowledge absorption” at the **DRUID Conference**, Nice: June 10-13, 2024.

Presentation of the paper “Big data sources and digitalization awareness: a dynamic capabilities perspective” at the **R&D Management Conference**, Seville: June 19-21, 2023.

Presentation of the paper “Big data sources and digitalization awareness: a dynamic capabilities perspective” at the **DRUID Conference**, Lisbon: June 10-12, 2023.

Presentation of the paper “Technology adoption and upskilling in the wake of Industry 4.0” (co-authors: Luca Grilli, Lucia Piscitello) at the **R&D Management Conference**, Trento: July 9-13, 2022.

Presentation of the paper “Technology adoption and upskilling in the wake of Industry 4.0” (co-authors: Luca Grilli, Lucia Piscitello) at the **Strategic Management Society Special Conference**, Milan: June 15-17, 2022.

Presentation of the paper “Technology adoption and upskilling in the wake of Industry 4.0” (co-authors: Luca Grilli, Lucia Piscitello) at the **DRUID Conference**, Copenhagen: October 18-20, 2021.

Presentation of the paper “Technological paradigms and the power of convergence” (co-authors: Luca Grilli, Lucia Piscitello) at the **Schumpeter Society Conference**, Rome: July 8-10, 2021.

Presentation of the paper “Technology adoption and upskilling in the wake of Industry 4.0” (co-authors: Luca Grilli, Lucia Piscitello) at the **Schumpeter Society Conference**, Rome: July 8-10, 2021.

Presentation of the paper “A dynamic technocentric perspective on organizational creativity” (co-authors: Luca Grilli, Lucia Piscitello) at the **Competitive Reinassance through Digital Transformation** (third edition), Pavia: February 18-19, 2021.

Presentation of the paper “Additive manufacturing and creativity enhancement: an undervalued form of complementarity” (co-author: Lucia Piscitello) at the **CINet Conference**, Milan: September 20-22, 2020.

Acceptance of the paper “Additive manufacturing and creativity enhancement: an undervalued form of complementarity” (co-author: Lucia Piscitello) at the **Journal of Management Studies Conference**, Birmingham: April 2-3, 2020 (the conference was eventually cancelled due to the covid pandemic).

Acceptance of the paper “The impact of additive manufacturing on skill sourcing and MNE's performance” (coauthor: Lucia Piscitello) at the **Strategic Management Society Special Conference**, Berkeley: March 25-27, 2020 (the conference was eventually cancelled due to the covid pandemic).

In many of these conferences I also acted as **Session Chair** and/or **Referee**.

UNIVERSITY TEACHING EXPERIENCE

- | | |
|--------------|--|
| 2024 | AI and International Business Theoretical and case study-based lectures on the implications of AI on International Business strategy within the Invest in Foreign Markets Lab course at Politecnico di Milano. |
| 2018-ongoing | B.Sc. in Management Engineering - Macroeconomics Since 2022, I have full responsibility over a 5 ECTS Macroeconomics course at Politecnico di Milano (from 2018 to 2022, I acted as a teaching assistant for the same course). |
| 2018-ongoing | M.Sc. in Management Engineering - Business and Industrial Economics 10 ECTS credits graduate course at Politecnico di Milano covering microeconomics, industrial dynamics, strategic management, technology and innovation management (rough class size: 250 students). I deliver a variety of lectures covering theory, case studies, and exercises. I also contribute to the selection and grading of case studies, as well as the preparation, grading, and supervision of exams. |

In all courses I have received very positive feedback from both students and colleagues.

EXECUTIVE TEACHING EXPERIENCE

- | | |
|--------------|--|
| 2024 | Digital Technologies for International Business I am in charge of delivering the part related to the implications of artificial intelligence on international business (both theory and case studies) at GSOM business school. |
| 2018-ongoing | IFlex EMBA – Business and Industrial Economics I co-designed with prof. Luca Grilli the Business and Industrial Economics module of the IFlex EMBA program of GSOM Business School and have delivered it every year since 2018. It covers industrial dynamics, strategic management, and technology and innovation management. |
| | Executive Master in Management – Business and Industrial Economics I co-designed with prof. Sergio Mariotti the Business and Industrial Economics module of the Executive Master in Management program of GSOM Business School and have delivered it every year since 2018. It covers industrial dynamics, strategic management, and technology and innovation management. |

In all courses I have received very positive feedback from both students and colleagues, as also evidenced by the yearly renewal of all tasks.

OTHER ACADEMIC ACTIVITIES

Scientific coordinator for the **Economic Mindset** research group. Until now, I organized and coordinated 14 scientific seminars for the group.

Responsible for the artificial intelligence task in the PRIN project “Institutions, Education and Entrepreneurship Studies: a Novel Perspective on University Impact (IEES)”, consisting in the identification of implications of artificial intelligence on student entrepreneurship.

Referee for various Scopus Q1 journals including **Academy of Management Review, Creativity and Innovation Management, Global Strategy Journal, Journal of Industrial and Business Economics, R&D Management, Journal of International Management.**

Co-supervisor of the **Ph.D. thesis** “Artificial intelligence and start-up emergence” by Gianluca Tartaglia (Expected graduation: 2025).

Co-supervisor of the **M.Sc. thesis** “Artificial Intelligence is ready for business, but are businesses ready for AI?” by Ivan Gjepali (academic year: 2022-2023).

Co-supervisor of the **M.Sc. thesis** “Artificial intelligence and entrepreneurship: the impact on creativity and innovation” by Alberto Gegra and Federico Maccagnola (academic year: 2021-2022).

Co-supervisor of the **MBA project** “3D-Boma” by Gian Luigi Casetta in the master in Sustainable Business at GSOM Business School (academic year: 2021-2022).

Co-supervisor of the **M.Sc. thesis** “3D printing: characteristics, business impact and future directions” by Lorenzo Rottigni and Giulia Tabarelli (academic year: 2019-2020).

Member of the commission evaluating the **final business projects** for undergraduate students in Management Engineering at Politecnico di Milano (academic year: 2018-2019).

PRIZES AND AWARDS

| | |
|------|---|
| 2024 | Wiley top-cited author for the journal Creativity and Innovation Management. |
| 2024 | Recipient of a €15,000 Talent Development grant by Politecnico di Milano for scholars passing the internal selection to prepare for submission to an ERC grant. |
| 2024 | Winner of the Seed Funds for Interdisciplinary Research, a €13,000 grant by Politecnico di Milano for the best projects presented by a team of two junior scholars. |
| 2023 | Francesco Galati Prize by the Italian Society of Management Engineering, consisting In a € 5,000 grant for the best research project presented by a team of young scholars. |
| 2023 | FT prize of € 10,000 for publishing solo in a FT50 top journal. |
| 2021 | Achievement of a Ph.D. with highest honors , in recognition for a dissertation unanimously judged to be of outstanding scientific relevance both by the faculty board of the doctoral program and by the ad-hoc external commission. |

- 2020 “Additive manufacturing and creativity enhancement: an undervalued form of complementarity” was selected as a **Best Paper** at the **CINet Conference** held in Milan in September 2020 and invited for submission to **Creativity and Innovation Management**. The paper would later be published and become a top-cited paper for the journal in 2024.
- 2020 **Receipient of a scholarship** from the Society for the Advancement of Management Studies covering all fees and accomodation expenses for the Journal of Management Studies Conference to be held in Birmingham, April 2-3 2020.
- 2014 **Finalist** in the national business simulation competition “Business Talents”.
- 2013 **Finalist** in the international essay competition “Generation Energies”.
- 2012 **Best final high school exam** of the year (perfect score in each section).
- 2012 **Special award** for the best essays in the high school final exam in Lombardy.
- 2011 **First-prize winner** of the European scientific competition “DNA Day Essay Contest”.
- 2010 Receipient of a **MIUR scholarship** for outstanding academic performance.

ADVANCED SCIENTIFIC TRANINING

Academy of Management Review’s bridge reviewer program, consisting in an intensive course aimed at training future reviewers for the journal.

Wharton Global Faculty Development Program (24-28 July 2022, Online) by the Wharton School of the University of Pennsylvania.

Panel Data Econometrics intensive course (1-6 July 2019, Bertinoro) by the Italian Society of Econometrics.

Introductory Econometrics intensive course (24-29 June 2019, Bertinoro) by the Italian Econometrics Association.

Masterclass “Innovation, Growth and International Production” (11-15 May 2019, Sapienza University, Rome).

Masterclass “Economics of International Business” by Mark Casson (November 7-9 2018, Henley Business School, Reading).

Masterclass “Strategy and International Business” by Alain Verbeke (November 5-7 2018, Henley Business School, Reading) (final grade: 98/100)

EXPERIENCE OUTSIDE ACADEMIA

- | | |
|-----------|--|
| 2018-2019 | Member of the Board of Directors (Mensa Italia) Responsible for internal decision-making and financial management. |
| 2017-2018 | Consultant (Nextea) Strategic consulting in the field of digital transformation. |
| 2016-2022 | Freelance Consultant Freelance collaborations with start-ups operating in various sectors. |
| 2014 | In-company training New York In-company training program for high-achieving students at the NYC Headquarters of Goldman Sachs, JP Morgan and Citibank. |