

DANIEL SOUZA

Politecnico di Milano - School of Management ◇ Via Lambruschini 4b, 20156 - Milan, Italy
danielfernando.desouza@polimi.it ◇ danielf-souza.github.io

ACADEMIC POSITIONS

Polytechnic University of Milan, Italy

2023 - Present

Department of Management, Economics and Industrial Engineering
Assistant Professor

University of Manchester, UK

Fall 2024

Manchester Institute of Innovation Research
Visiting Scholar

University of Turin, Italy

2022 - 2023

Department of Culture, Politics and Society
Postdoctoral Research Fellow

EDUCATION

University of Turin & Collegio Carlo Alberto, Italy

2017 - 2022

Ph.D. in Economics
Thesis: *“Essays on the Economics of Science”*
Advisor: Prof. Magda Fontana

Federal University of Paraná, Brazil

2015 - 2017

M.Sc. in Development Economics

Federal University of Minas Gerais, Brazil

2010 - 2015

B.Sc. in Economics

Exchange semester at University of Rennes I, France

2013

RESEARCH FIELDS

Economics of Science, Innovation, Complexity, Entrepreneurship

PUBLICATIONS

“How Small is Big Enough? Open Labeled Datasets and the Development of Deep Learning”
(with Aldo Geuna and Jeff Rodríguez)
Industrial and Corporate Change, 34(6) Forthcoming

“AI research in Canadian hospitals: The development of metropolitan competencies”
(with Pierre Pelletier and Aldo Geuna)
Healthcare Management Forum, 2024, 37(6), 445-450

“The Interdisciplinarity Dilemma: Public versus Private Interests”
(with Magda Fontana, Valerio Leone Sciabolazza and Martina Iori)
Research Policy, 2022, 51(7)

WORKING PAPERS

“The Emergence of the Economics of Science: Evidence from the WOEPS workshop (2007-2023)”
(with Aldo Geuna and Cornelia Lawson)
Economics of Innovation and New Technology, Revise & Resubmit

WORK IN PROGRESS

“The State of European Entrepreneurship: Trends in Quantity and Quality in France, Germany, and the UK (2009–2023)”
(with Massimo Colombo, Massimiliano Guerini, Hanna Hottenrott, Lena Füner)

“Empirical Analysis of Quantity and Quality of Rural Entrepreneurship in France, Germany and UK: Understanding Key Enabling Factors”
(with Massimo Colombo, Massimiliano Guerini, Hanna Hottenrott, Lena Füner)

“Mapping new knowledge: Using novelty measures critically”
(with Martina Iori, Magda Fontana, Pierre Pelletier and Aldo Geuna)

PRESENTATIONS

66th Annual Conference of the Italian Economic Association, Naples, October 23-25 (scheduled). 2025

52nd EARIE Annual Conference, Valencia, August 28-30 (scheduled).

ZEW, Dept. Economics of Innovation & Industrial Dynamics, Mannheim, July 22.

ICSSI - Conference on Science of Science and Innovation, Copenhagen, June 16-18.

Workshop on Advances in Spatial and Network Modelling, Rome, May 29-30.

Université Paris-Saclay, RITM, Paris, March 20.

University of Manchester, MIOIR, Manchester, June 16-21. 2024

NetSci2024 - International School and Conference on Network Science, Québec City, June 16-21.

ISS2024 - Conference of the Schumpeter Society, Gothenburg, June 9-11.

Università Cattolica del Sacro Cuore, Milan, April 10.

ICSSI - International Conference on Science of Science and Innovation, Chicago, June 26-28. 2023

Eu-SPRI Conference, Brighton, June 14-16.

DRUID Conference, Lisbon, June 10-12.

REGIS Summer School, Pisa, June 5–7.

Munich Summer Institute Workshop, Munich, May 23-26.

OIS - Open Innovation in Science Research Conference 2023, Vienna, May 8-10.

Workshop on the Organisation, Economics & Policy of Scientific Research, Munich, April 13-14.

6th BETA Workshop in Economics of Science & Innovation, Strasbourg, March 23-24.

5th BETA Workshop in Economics of Science & Innovation, Strasbourg, June 23-24. 2022

DRUID Conference, Copenhagen, June 13-15.

Workshop on the Organisation, Economics & Policy of Scientific Research, Leuven, April 7-8.

PhD Seminar Series (AQR), University of Barcelona, March 24. 2021

8th Workshop in Economics of Innovation, Complexity and Knowledge, Turin, December 10. 2020

3rd Brazilian Behavioral Economics & Finance Meeting, FGV, São Paulo, August 15-16. 2016

XVIII Encontro de Economia da Região Sul, UFRGS, Porto Alegre, June 11-12. 2015

AWARDS, FELLOWSHIPS & GRANTS

Early Career Circulation Award, Eu-SPRI Forum 2024

Doctoral Scholarship, University of Turin 2017 - 2021

Master Scholarship, CAPES (Brazil) 2015 - 2017

Minas Economics Thesis Award, CORECON-MG/BDMG (Brazil) 2015

Research Fellowship for Scientific Initiation, PROBIC/FAPEMIG (Brazil) 2014 - 2015

Research Fellowship for Scientific Initiation, PIBIC/CNPq (Brazil) 2010 - 2013

Junior Research Fellowship for Scientific Initiation, PROVOC/CNPq (Brazil) 2007 - 2009

PROFESSIONAL ACTIVITIES

Refereeing

Research Policy, International Journal of Management Reviews, Review of Managerial Science, Economics of Innovation and New Technology, Quantitative Science Studies, Scientometrics, IEEE Transactions on Engineering Management, Science and Public Policy, SN Business & Economics, Nova Economia, Análise Econômica.

Organizer

- Seminars, conferences and workshops: MInERS - Milan Innovation and Entrepreneurship Research Seminars (2024 - Present); WOEPS 2024; WICK (2018-2021).
- Group coordinator and project organizer, Young Scholars Initiative (YSI) - Institute for New Economic Thinking (INET)

TEACHING

Polytechnic University of Milan

- Business Data Analytics, Main Lecturer, Management Engineering (undergraduate) 2024 - Present

University of Manchester

- Social Network Analysis, Main Lecturer, Global Development Institute (PhD) 2025

University of Turin

- Microeconomics, Teaching Assistant, Business Administration (undergraduate) *2019 - 2024*
- Macroeconomics, Teaching Assistant, Economics (undergraduate) *2019 - 2024*
- Econometrics, Teaching Assistant, Economics (undergraduate) *2023*
- Microeconomics, Main Lecturer, Business Administration (undergraduate) *2022*

LANGUAGES

Portuguese (native), English (fluent), Italian (fluent), French (fluent), Spanish (basic)