

Daniel Souza

PHD · ECONOMICS

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Current Position

- 2023-now **Assistant Professor**, Polytechnic University of Milan
- , Growing Resilient, Inclusive and Sustainable (GRINS) project.
 - , Novelty, interdisciplinarity and scientific careers.
 - , The emergence of Deep Learning as a scientific field.
 - , Diffusion of AI and robotics in healthcare services.

Education

University of Turin

PHD ECONOMICS

Italy

2017 - 2022

- Thesis: "*Essays on the Economics of Science*". Advisor: Prof. Magda Fontana.
- Graduation: 6 June, 2022. Evaluation: Excellent.

Federal University of Paraná

MSc DEVELOPMENT ECONOMICS

Brazil

2015 - 2017

Federal University of Minas Gerais

BSc ECONOMICS

Brazil

2010 - 2015

- Exchange semester at University of Rennes I (France), Jan-Jun 2013

Professional Experience

- 2022-2023 **Postdoctoral Research Fellow**, Dept. of Culture, Politics and Society, University of Turin.
- 2019-2023 **Teaching Assistant**, Dept. of Economics and Statistics & Dept. of Management, University of Turin.
- 2022 **Main lecturer**, Dept. of Management, University of Turin.
- 2022 **Meeting Reporter**, CIFAR Innovation, Equity and the Future of Prosperity Program (Toronto), fall meeting.
- 2021 **Research Assistant**, Prof. Vasco Molini - World Bank, Prof. Michele Di Maio - Sapienza University Rome, Prof. Valerio Leone Sciabolazza - Sapienza University Rome
- 2020 **Research Assistant**, Prof. Aldo Geuna, Collegio Carlo Alberto
- 2014-2015 **Undergraduate Research Assistant**, Prof. Lízia de Figueirêdo, Dept. Economics, UFMG.
- 2007-2013 **Undergraduate Research Assistant**, Prof. Carlos A. Gonçalves, Dept. Management, UFMG.

Publications

PUBLISHED

Fontana, M., Iori, M., Leone Sciabolazza, V., **Souza, D.** 2022. The Interdisciplinarity Dilemma: Public versus Private Interests. **Research Policy** 51 (7), 104553.

CONFERENCE PROCEEDINGS

The Impact of the CIFAR Datasets on the Development of Deep Learning: the Making of a New Technoscience (*with Aldo Geuna and Jeff Rodríguez*). Presented at **DRUID 2023**.

Behind behavioral economic man: the methods and conflicts between two perspectives (*with Rafael Teixeira*). Presented at the **3rd Brazilian Behavioral Economics and Finance Meeting**.

IN PREPARATION

How small is big enough? Open datasets and the Development of Deep Learning (*with Aldo Geuna and Jeff Rodríguez*). In preparation for **Special Issue of Industrial and Corporate Change**.

The Workshops on the Organisation, Economics and Policy of Scientific Research 2007-2023: Building a Community for Economics of Science in Europe (*with Aldo Geuna and Cornelia Lawson*). In preparation for **Special Issue of Economics of Innovation and New Technology**.

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

Awards, Fellowships, & Grants

2024	Eu-SPRI Forum Early Career Researcher Award , Eu-SPRI Forum	€ 1,500
2017-2021	Doctoral Scholarship , University of Turin	
2015-2017	Master Scholarship , Federal University of Paraná/CAPES (Brazil)	
2015	Minas Economics Thesis Award , CORECON-MG/BDMG (Brazil)	R\$ 2,000
2014-2015	Research Fellowship for Scientific Initiation , PROBIC/FAPEMIG (Brazil)	
2010-2013	Research Fellowship for Scientific Initiation , PIBIC/CNPq (Brazil)	
2007-2009	Junior Research Fellowship for Scientific Initiation , PROVOC/CNPq (Brazil)	

Presentations

2024 - NetSci2024 - International School and Conference on Network Science, Québec City, June 16-21.

ISS2024 - 20th Biennial Conference of The International Joseph A. Schumpeter Society, Gothenburg, June 9-11.

Department of Economic Policy Seminar Series - Università Cattolica del Sacro Cuore, Milan, April 10.

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

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.

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

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

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

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

XXII AISSEC Conference, Pescara, June 16-18.

DRUID Conference, Copenhagen, June 13-15.

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

2021 - PhD student seminar series, Regional and Quantitative Analysis Group (AQR), University of Barcelona, March 24.

2020 - 8th PhD Workshop in Economics of Innovation, Complexity and Knowledge (WICK), Turin, December 10.

2016 - 3rd Brazilian Behavioral Economics and Finance Meeting, Getulio Vargas Foundation, São Paulo, August 15-16.

2015 - XVIII Encontro de Economia da Região Sul, Federal University of Rio Grande do Sul (UFRGS), Porto Alegre, June 11-12.

Teaching Experience

2024-now	Business Data Analytics , Main Lecturer, 60 hours, 250 students, BSc Management Engineering.	Polytechnic University of Milan
2019-2024	Microeconomics , Teaching Assistant, Online course, 45 hours, 200 students, BA Business Administration.	University of Turin
	Macroeconomics , Teaching Assistant, BSc Economics.	University of Turin
2023	Econometrics , Teaching Assistant, 40 hours, 30 students, lab instructor, BSc Economics.	University of Turin
2022	Microeconomics , Main Lecturer, 30 hours, 150-200 students, BA Business Administration.	University of Turin

Service and Outreach

PEER REVIEW

Ad hoc reviewer: *Quantitative Science Studies*, *Scientometrics*, *IEEE Transactions on Engineering Management*, *Science and Public Policy*, *SN Business & Economics*, *Nova Economia*, *Análise Econômica*.

PROFESSIONAL MEMBERSHIPS

Research group coordinator for the *AFFECT-The trAnsFormation oF hEalthCare* project - CIFAR IEP Catalyst Fund Program.

Group coordinator and project organizer, Young Scholars Initiative (YSI) - Institute for New Economic Thinking (INET).

Computer Skills

Python, R, Stata, \LaTeX , Microsoft Office Packages.

Experience with the use of APIs to access several data sources like PatentsView, Scopus, OpenAlex and Dimensions.

Languages

Brazilian Portuguese - Native
English (CEFR: C1) - Fluent - Certified TOEFL
Italian (CEFR: C1) - Fluent
French (CEFR: C1) - Fluent
Spanish (CEFR: B1) - Intermediate

References

Massimo Colombo, Full Professor, Dept. Management, Economics and Industrial Engineering, Polytechnic University of Milan. massimo.colombo@polimi.it

Aldo Geuna, Full Professor, Dept. Culture, Politics and Society, University of Turin. aldo.geuna@unito.it

Magda Fontana, Associate Professor, Dept. Economics and Statistics, University of Turin. magda.fontana@unito.it

Lízia de Figuerêdo, Full Professor, Dept. Economics, Federal University of Minas Gerais. lizia@cedeplar.ufmg.br