




# FEDERICO BARTOLOMUCCI, PhD

PHD IN MANAGEMENT ENGINEERING  
RESEARCHER ON SOCIAL INNOVATION, DATA AND TECHNOLOGY FOR GOOD

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I am a social innovation enthusiast who strives to make a difference through his job. I have obtained my PhD in management engineering at the Polytechnic University of Milan. My research focuses on data collaboratives' governance models in search of governance settings that might enhance the collaboratives long-term stability. In addition to conducting research, I lecture in various courses for MSc and executive students and develop my activities as a project manager and consultant for various for-profit and not-for-profit organisations. I am also a volunteer for various associations in the field of social innovation.

## EXPERIENCE

### Tiresia Research Centre – Polytechnic University of Milan

PhD Candidate: Nov 2020 – June 2024

Research Fellow: Apr 2018 – Ott 2020

Intern: Oct 2018 – Mar 2019



My study as a PhD candidate has been on the governance of cross-sectoral alliances that are finalized to provide social benefit via cooperative data usage. My study aims to improve the sustainability and systematization of data collaboratives by investigating their organizational forms and governance. As a Research Fellow, my responsibilities have included developing and managing technology transfer initiatives that aim to identify novel technical solutions for pressing social issues. By using social impact assessment and management in many industries (financial, profit, and not-for-profit), I have also gained competence in these areas. I co-manage and lecture on subjects like Technology for Good, Social Enterprise Management and Business Modeling, and Social Impact Measurement in the Social Entrepreneurship course and the Social and Sustainable Innovation Lab. As part of my research, I have developed a strong research relation with world-wide leading labs operating in the data for good environment, like the MIT City Science Lab. I have been selected as member of the European Commission's Special Group on the Code of Conduct for Data Sharing and Management in the Social Economy. My research on Fintech For Good has been awarded in 2022 with the Best Research Award from the European Microfinance Network

### Civic Data Design Lab – Massachusetts Institute of Technology Leventhal Center for Advanced Urbanism

Visiting PhD Student: Feb 2023 – June 2023



As a visiting PhD student, I have worked on Data Collaboratives' governance models, contaminating my work with design and data ethics principles. I have served as teaching assistant for the course on Interactive Data Visualisation and Society. As part of the same course, I managed weekly reading classes.

### Fondazione AIS—Advancing Impact and Sustainability

Senior Associate January 2022– Current



Fondazione AIS develops social impact measurement and management solutions in the fields of finance and wealth management. As a founding team member of the Foundation I have been involved in its development since the beginning, and I am currently in charge of data management and future business development opportunities.

### Merits Società Benefit

Co-founder: April 2017-Sep 2018



While in Merits, I have been involved in the development of a social digital token network aimed at enhancing positive, rewarding engagement and collaboration between public, private, and not-for-profit organizations. The project was funded by the Ledger European Funding Project in May 2019 and won the Blockchain for Social Good EU Prize in 2020 (1 M€).

### Social Innovation Teams

Vice-President: April 2016-Current



SIT is an association promoting social entrepreneurship by offering pre-seed investments and mentorship programs to Italian social enterprises. I have been involved in its development since 2016 and I am currently a mentor and vice-president. The association involves more than 300 volunteers and supporting 50 social startups.

## EDUCATION

### PhD in Management Engineering at Politecnico di Milano

Nov 2020 –June 2024

### Ethics and Responsible Technologies MIT-POLIMI exchange programme

MIT-Massachusetts Institute of Tecnology and Polytechnic University of Milan conjunct program.

Mar. 2022-Aug 2022

### Master of Science – Management Engineering Specialization: Social Innovation and Sustainable Operations

Polytechnic University of Milan

Grade 110/110l with special mention by the School of Management for the final dissertation on Complementary Currencies. Sep. 2015—Mar. 2018

### Erasmus exchange semester

Escuela Técnica Superior de Ingenieria .  
Universidad de Sevilla

Sep. 2014— Feb 2015




### Bachelor's Degree in Management Engineering

Polytechnic University of Milan






Sep. 2012-Jul 2015

## EXPERTISE

### Technical skills

Office Suite   
Microsoft Excel   
STATA, R, SPSS 

### Soft skills

Critical thinking   
Emotional intelligence   
People management   
Negotiation   
Groups' facilitation 

## Languages

Italian: mother tongue

English: professional

Spanish: fluent

Franch: basic

## **LIST OF PUBLICATIONS**

### **ACADEMIC ARTICLES**

Federico Bartolomucci and Francesco Leoni, 2024. Designing effective governance model for data collaboratives. In Research-Technology Management, ISSN 1939-0166. <https://doi.org/10.1080/08956308.2024.2351331>

Federico Bartolomucci and Bartalucci Simone, 2024. Designing data collaboratives' governance for long-term stability: an empirical analysis. Data & Policy Journal, Cambridge University Press. <https://doi.org/10.1017/dap.2024.29>

Federico Bartolomucci and Gianluca Bresolin. 2022. Fostering Data Collaboratives' systematisation through models' definition and research priorities setting. In DG.O 2022: The 23rd Annual International Conference on Digital Government Research (dg.o 2022). [doi.org/10.1145/3543434.3543442](https://doi.org/10.1145/3543434.3543442)

Urbano, Valeria M., Federico Bartolomucci, and Giovanni Azzone. "Determinants for university students' location data sharing with public institutions during COVID-19: The Italian case." *Data & Policy* 6 (2024): e1. [doi:10.1017/dap.2023.42](https://doi.org/10.1017/dap.2023.42)

### **BOOK CHAPTER**

Bartolomucci, F., Trasciani, G., Gerli, F. (2024). Social and Technological Innovation: Cross-Fertilization Needed. In: Chiodo, S., Kaiser, D., Shah, J., Volonté, P. (eds) Improving Technology Through Ethics. SpringerBriefs in Applied Sciences and Technology. Springer, Cham. [https://doi.org/10.1007/978-3-031-52962-7\\_8](https://doi.org/10.1007/978-3-031-52962-7_8)

### **REPORT**

Fintech for Good, Fintech For All, How Global Fintechs are paving the way to a better future for the people and the planet (2023). Gotti V., D'Angelo S., Bartolomucci F., Chiodo V., Petrolati A., Aliverti F., Tosi C., in Deloitte FSI Series. Accessible at: <https://www2.deloitte.com/it/it/pages/financial-services/articles/fintech-for-all-fintech-for-good.html>

### **BLOG POST**

3 barriers to successful data collaboratives. In The Data Value Digest, an initiative by The Global Partnership for Sustainable Development Data. May 2023. Accessible at: <https://datavaluesdigest.substack.com/p/3-barriers-to-successful-data-collaboratives>

### **DOCTORAL THESIS**

Fostering systemic change generation through the collaborative use of data: a governance perspective. Federico Bartolomucci, June, 2024.

## **LIST OF INTERNATIONAL SCIENTIFIC CONFERENCES I HAVE PRESENTED MY RESEARCH IN:**

**DG.O2022**, Annual International Conference on Digital Government Research, <https://dgsociety.org/dgo-2022/>

**EuSPRI**, European Forum for Studies of Policies for Research and Innovation Conference, Sussex University, 2023, UK, <https://www.euspri2023.com/>

**IPPA**, International Public Policy Conference, Toronto Metropolitan University, 2023, Toronto, Canada <https://www.ippapublicpolicy.org/conference/icpp6-toronto-2023/17>

**CiNET**, Continuous Innovation Network Conference, University of Linz, Linz, Austria, 2023, <https://continuous-innovation.net/events/conferences/2023.html>

**AiIG RSA**, Associazione Italiana di Ingegneria Gestionali Conference, Lecco, Italy, 2023, <https://www.ingegneriagestionale.it/rsa/2023/>

**Data for Policy Conference**, Seattle, 2022, London 2024, <https://dataforpolicy.org>

## **LIST OF ACADEMIC TEACHING COMMITMENTS**

**A.Y. 2019-2020, A.Y. 2020-2021:** Business in Transformation: Social and Sustainability Challenges Lab, Master of Science in Management Engineering, Politecnico di Milano. Prof. Irene Bengo. Role: project tutor and co-coordinator.

**A.Y. 2021-2022, A.Y. 2022-2023, A.Y. 2023-2024:** Sustainable and Social Innovation Lab, Master of Science in Management Engineering, Politecnico di Milano. Prof. Irene Bengo. Role: project tutor, co-coordinator, and lecturer.

**A.Y. 2021-2022, A.Y. 2023-2024:** Social Entrepreneurship Course, Master of Science in Management Engineering, Politecnico di Milano. Prof. Veronica Chiodo. Coordinator, project tutor, and lecturer.

**A.Y. 2022-2023:** Interactive Data Visualisation and Society Course, Massachusetts Institute of Technology, Schwarzman College of Computing, Prof. Sara Williams, Prof. Arvind Satyanarayan. Role: teaching assistant.

**A.Y. 2023-2024:** ROEF Academy, Responsible Ownership for Enterprise Families Academy, Free University of Amsterdam, Prof. Marteen de Groot. Role: Guest Lecturer

## **OTHER TYPES OF RECURRENT TEACHING COMMITMENTS**

Contract Lecturer at the Graduate School of Management, Politecnico di Milano, since 2022.

Group Work facilitator at the Social Enterprise Open Camp, years 2022, 2023, 2024.

Accademia della Moda e Costume, Master in Fashion Sustainability, years 2022, 2023.

Percorsi Assisi Summer School, years 2019, 2020, 2021, 2024.