

# Andrea Ancona

PhD Candidate in Economics and  
Research Fellow at Sapienza  
University of Rome

## Skills

<b>R</b>	Advanced
<b>Latex</b>	Advanced
<b>Microsoft Office</b>	Intermediate
<b>Matlab</b>	Basic
<b>Stata</b>	Basic

## Languages

<b>Italian</b>	Native
<b>English</b>	Advanced

## Biography

I am a dynamic person, open-minded, with an international outlook and a developed spirit of innovation. My academic career allows me to interact with many people and experience different approaches, thus continuously shaping my actual mindset. I am always keen to learn new theories and methodologies, as well as sharing different perspectives in multidisciplinary and multicultural contexts. Proactivity, resilience, and passion are three fundamental paradigms of my life.

## Work experience

### PhD Candidate

11/2020 - today

Department of Social Sciences and Economics  
Sapienza University of Rome

PhD course in “Markets and Institutions for Development and Innovation”. I attended advanced courses of Mathematics, Statistics, Micro/Macro-economics, Econometrics, Development Economics, Economic Geography, International Economics, Data Visualization and Mapping, Quantitative Methods for Development Policies. My research interests include entrepreneurial and innovation ecosystems, collaborative R&D, and complex networks.

PhD thesis: “A network-based approach to the analysis of entrepreneurial ecosystems and collaborative R&D”.

### Researcher

09/2022 - today

T6 Ecosystems

Collaborating with the research team in three different EU-funded projects:

- **Impetus:** A European project funded by Horizon Europe aimed to support 125 Citizen Science (CS) initiatives through three different open calls. I am involved in the impact assessment work package, contributing to developing a framework to evaluate the impact of CS pilots and the overall impact of Impetus, taking into account the objectives of the Green Deal and the United Nations Sustainable Development Goals (SDGs).
- **Localised:** A European project funded by Horizon 2020 aimed to downscale national decarbonization trajectories at the local level by providing tools to highlight possible decarbonization and mitigation strategies. I am involved in impact assessment and stakeholder mapping activities across several work packages.
- **IDMO:** The Italian Digital Media Observatory is one of the European hubs involved in the fight against disinformation. Co-funded by the European Commission and led by Luiss Data Lab, the observatory is carrying on a campaign on media literacy for teachers and students by involving Italian high schools in several activities and research. I conduct the analysis on the results of the research and I am involved in monitoring the impact of the observatory.

## Teaching activity

### Adjunct lecturer

09/2021 - 03/2023

Faculty of Economics  
University of International Studies of Rome – UNINT

Adjunct lecturer and Tutor of Mathematics for Economics and Business and Mathematics for IT (Social Network Analysis).

## Academic background

### Master of Science of Management Engineering

10/2018 - 07/2020

Department of Enterprise Engineering  
University of Rome "Tor Vergata"

I graduated with honors, developing a thesis in English titled "A user guide to identify the key metrics for an inter-organizational network to be an entrepreneurial ecosystem: evidence from a start-up network".

### Erasmus+ Program

09/2019 - 02/2020

Faculties of Management and Production Engineering  
Warsaw University of Technology

I attended classes, held in English, in Industrial Marketing, Lean Start-up, Logistics, Start-up Management Workshop, and Organisational Behaviour, obtaining the highest score in every course.

### Bachelor's Degree of Management Engineering

10/2015 - 10/2018

Department of Enterprise Engineering  
University of Rome "Tor Vergata"

I graduated with honors, developing a thesis titled "Design of LTE technology telecommunications system with a web-based software".

## Publications

- Ancona, A., Cinelli, M., Ferraro, G., & Iovanella, A. (2023). Network-based principles of entrepreneurial ecosystems: a case study of a start-up network. *Small Business Economics*, 1–18. <https://doi.org/10.1007/s11187-023-00738-6>.
- Ancona, A., Cerqueti, R., & Vagnani, G. (2023). A novel methodology to disambiguate organization names: an application to EU Framework Programmes data. *Scientometrics*, 1–28. <https://doi.org/10.1007/s11192-023-04746-x>.
- Ancona, A., Cerqueti, R., & Vagnani, G. (2023). Determining the dynamics of collaboration in EU Framework Programmes under a network perspective. Proceedings of the *European Academy of Management (EURAM) Conference 2023*. ISBN: 978-2-9602195-5-5.

## Conferences

- Ancona, A., Caratù, M., & Iovanella, A. (2023). Are digital entrepreneurial ecosystems resilient in the face of crises? An empirical analysis before and after the pandemic. Presented at the *Entrepreneurial Ecosystems Research Summer School*, 30 August-1 September 2023, Paris (FR).
- Ancona, A., Caratù, M., & Iovanella, A. (2023). Are online ecosystems resilient in the face of crises? An analysis of a startup network pre- and post-pandemic. Presented at the *11th International Workshop on Computational Economics and Econometrics*, 6-7 July 2023, Research Institute on Sustainable Economic Growth - National Research Council of Italy, Rome (IT).
- Ancona, A., Cerqueti, R., & Vagnani, G. (2023). Determining the dynamics of collaboration in EU Framework Programmes under a network perspective. Presented at the *European Academy of Management (EURAM) Conference 2023*, 11-16 June 2023, Dublin (IE).
- Ancona, A., Cerqueti, R., & Grassi, R. (2023). Investigating the effect of partner selection in projects funded by H2020 through the dual-projection approach. Presented at the *30th IPDMC: Innovation and Product Development Management Conference*, 7-9 June 2023, Lecco (IT).

- Ancona, A., Cinelli, M., Ferraro, G., & Iovanella, A. (2022). Network-based approach to the measurement of entrepreneurial ecosystems: an application in the field of climate change. Presented at the *29th IPDMC: Innovation and Product Development Management Conference*, 17-19 July 2022, Hamburg (DE).
- Ancona, A., Cinelli, M., Ferraro, G., & Iovanella, A. (2022). Assessing the structure of European Innovation Ecosystems through a network-based approach. Presented at the *R&D Management Conference 2022*, 9-13 July 2022, Trento (IT).
- Ancona, A., Cerqueti, R., & Grassi, R. (2022). Generalizing Beta centrality as indicator of high-budget European projects: a novel approach using the dual-projection method. Presented at the *10th International Workshop on Computational Economics and Econometrics*, 30 June - 1 July 2022, Research Institute on Sustainable Economic Growth - National Research Council of Italy, Rome (IT).
- Participated in the *R&D Management Conference 2023*, 19-21 June 2023, Seville (ES).
- Co-charing the track “Unveiling ecosystem dynamics: bridging gaps between Entrepreneurial and Innovation Ecosystems” at the *R&D Management Conference 2023*, 17-19 June 2024, Stockholm (SE).
- Co-organized the *Sapienza PhD Conference in Social Sciences and Economics*, welcoming around 40 participants from 15 universities, representing 7 different countries. 4-5 September 2023, Rome (IT).
- Co-organized the II Edition of the *Sapienza Economics PhD Summer Meeting*, a conference held at the Sapienza University of Rome aimed to connect PhD students coming from several universities over different countries in a multi-disciplinary context. 12-13 September 2022, Rome (IT).

## Research grants

- Ancona A. (11/2020 - 01/2024). PhD Fellowship. Funded by *Sapienza University of Rome*.
- Ancona A., Ferraro G., Iovanella A. (2023). An in-depth analysis of the complexity of entrepreneurial ecosystems. Funded by *University of International Studies of Rome - UNINT*.
- Ancona A. (2022). Modeling the dynamics of EU Framework Programmes under a network perspective. Funded by *Sapienza University of Rome* as “Progetto per Avvio alla Ricerca”.
- Ancona A., Caratù M., Iovanella A. (2022). Analyzing entrepreneurial ecosystems as enterprise networks. Funded by *University of International Studies of Rome - UNINT*.

## Reviews

Serving as a Reviewer for *PLOS ONE*, *R&D Management*, *Small Business Economics*, *IEEE Transactions on Engineering Management*, *Cities*, and *EURAM Annual Conference 2023*.

## Further Activities and Certifications

### **RISIS Research Seminar**

15/11/2023

Research Infrastructure for Science and Innovation Policy Studies (RISIS)

Invited as a speaker, giving a talk on “A novel methodology to disambiguate organization names: a key step toward a dynamic analysis of EU Framework Programmes”.

**AMASES Summer School**

09/2023

Sapienza University of Rome - Department of Social Sciences and Economics

Summer School on Economic, Social and Financial Networks.

**RISIS Winter School**

02/2023

IRCrES - CNR (National Research Council of Italy)

Winter school on tools and methods for analyzing complex Science, Technology, and Innovation (STI) systems. An introduction to Network Science, Machine Learning, and Spatial Models.

**EU TalentOn**

09/2022

European Commission - Leiden 2022, European City of Science

First ever edition of this programme promoted by the European Commission to bridge the gap between young scholars, science and industry. I was among the 20 selected participants to address the EU mission of climate adaptation.

**Calzedonia "Call for Ideas"**

02/2020 - 10/2020

Calzedonia Group

National contest aimed at developing a sustainable idea to manage fabric scraps. My team was among the first four groups nationwide.

**Amazon Innovation Award 2018**

10/2018 - 02/2019

Amazon

National contest aimed at increasing the efficiency of logistics processes through the development of innovative ideas. My team ranked second in Italy.

**ISIPM Base**

Released in 07/2019

Istituto Italiano di Project Management (ISIPM)

Project Management Certification.

Rome, 26th February 2024

Andrea Ancona