

Andrea Matranga — CV

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Current Position

ESOMAS – Università di Torino
Research Fellow

Turin, Italy
June 2023–Present

Previous Positions

Argyros School of Business & Smith Institute – Chapman University
Assistant Professor

Orange, CA, USA
Aug 2018–May 2023

New Economic School
Assistant Professor

Moscow, Russia
Sep 2015–July 2018

Peer-Reviewed Publications

- All Along the Watchtower: Linear Defenses and the Enserfment of the Russian Peasant – with Timur Natkhov (2025) – *Review of Economic Studies*, Forthcoming.
- Andrea Matranga – “The Ant and the Grasshopper: Seasonality and the Invention of Agriculture,” *The Quarterly Journal of Economics* (2024) 139(3): 1467–1504. <https://doi.org/10.1093/qje/qjae012>
- Hannes Mueller, André Groeger, Jonathan Hersh, Andrea Matranga, & Joan Serrat – “Monitoring war destruction from space using machine learning,” *PNAS* (2021) 118(23): e2025400118. <https://doi.org/10.1073/pnas.2025400118>

Book Chapters

- “A 3D Approach to Algorithmic Modeling of Roman Aqueducts” – with Per F. Andersson, Francesco Forcher, Andrea Matranga, Filip Novokmet, Andrea Papadia, Tomasz Zawisza, in *VII Congreso Internacional de Ingeniería Romana*, edited by Isaac Moreno Gallo, published by Fundación de la Ingeniería Civia, (forthcoming).
- “Historical Data: Where to Find Them, How to Use Them” – with Paola Giuliano, in *Handbook of Historical Economics*, edited by Alberto Bisin and Giovanni Federico, Academic Press (2021).
- “The Use of Archaeological Data in Economics” – with Luigi Pascali, in *Handbook of Historical Economics*, edited by Alberto Bisin and Giovanni Federico, Academic Press (2021).

Working Papers

- Once Upon a Time in America: the Mafia and the Unions (2024) – with Giovanni Mastrobuoni and Marta Troya-Martinez.

Work in Progress

- What Have the Romans Ever Done for Us (2024) – with Per F. Andersson, Francesco Forcher, Andrea Matranga, Filip Novokmet, Andrea Papadia, Tomasz Zawisza.
- The Expansion of the Yamnaya: Culture – with Giacomo Gallegati, Julio S. Solís Arce, Laura Volponi.

Education

Universitat Pompeu Fabra <i>PhD in Economics</i>	Barcelona, Spain 2011–2017
Universitat Pompeu Fabra <i>Master of Research in Economics</i>	Barcelona, Spain Sep 2010–June 2011
Toulouse School of Economics <i>Second-Level Master</i> Economics and Mathematics	Toulouse, France Sep 2009–June 2010
Universitat Pompeu Fabra <i>Master of Science in Economics</i>	Barcelona, Spain Sep 2006–June 2007
Università Commerciale Luigi Bocconi <i>BA (Laurea Triennale)</i> International Economics and Management	Milan, Italy Sep 2002–Oct 2005

Invited Seminars

- Grenoble Applied Economics Lab – Séminaire GAEL – 2025
- Università di Parma – Economics Seminar – 2024
- Università di Bologna – GENPOP Seminar – 2024
- University of Connecticut – Micro Seminar – 2023
- PIPE Workshop at University of Southern California – 2023
- Università di Roma Tor Vergata – 2023
- Tilburg University – 2023
- California Institute of Technology HSS – 2022
- UC Irvine – 2019
- UC Merced – 2019
- UC Riverside – 2019
- UC Berkeley Economics – 2018
- Chapman University – 2018
- Claremont McKenna College – 2018
- UC Davis – 2017
- UC Berkeley Haas – 2017
- UCLA Anderson – 2017
- UC San Diego – 2017

- LSE – 2015
- UPF (Archaeology Department) – 2015
- LMU Munich – 2015
- Harvard – 2014
- Brown (Economics and Archaeology Departments) – 2014
- Nuffield College, Oxford – 2010, 2014
- Warwick – 2014
- Stanford – 2014
- Toulouse School of Economics – 2010

Paid Scientific Engagements

- University of Hong Kong – Quantitative History Webinar.

Conferences and Workshops

- Congreso Internacional de Ingeniería Romana (Zaragoza) – 2025
- Zeuthen Workshop (Copenhagen) – 2022
- World Congress of Cliometrics (Honolulu) – 2017
- Political Economy of Conflicts and Development (Villars, Switzerland) – 2017
- Prediction for Prevention of Armed Conflict (Barcelona) – 2016
- Moscow Political Economy and Development Workshop – 2016
- Econometric Society World Congress (Montreal) – 2015
- Barcelona GSE Summer Forum – 2015
- Cliometric Conference (Tucson) – 2012
- World Economic History Congress (Utrecht) – 2008

Teaching

- Undergraduate.....
- Microeconomics (BSc – ESOMAS Department, Università di Torino), 2025.
 - Microeconomics (ESCP Business School – Turin), 2023
 - Humanomics: Health, Wealth, and Inequality (Chapman University), 2019
 - Principles of Microeconomics (Chapman University), 2018–2023
 - Development Economics (Chapman University), 2018–2020 and 2021–2022
 - Economic History (NES/HSE BAE program), 2017
 - GIS for Economists (NES/HSE BAE program), 2016
 - Economic Development (NES/HSE BAE program), 2015–2018
- Graduate.....
- Political Economy and GIS (course for Master and PhD students at Collegio Carlo Alberto, Turin), 2024–2025.

- Development, Inequality, and Growth (intensive course for the Master in Management of Development held at ILO–ITC), 2024
- GIS for Economists (intensive workshop for PhD students, University of Geneva Economics Department), 2017
- Environmental Policy (NES MAE/MERE program), 2015–2017

Refereeing

- *Quarterly Journal of Economics*
- *Review of Economic Studies*
- *Review of Economics and Statistics*
- *Economic Journal*
- *Journal of the European Economic Association*
- *Public Choice*
- *European Economic Review*
- *European Review of Economic History*
- *Journal of Economic Inequality*
- *Journal of Economic Growth*
- *Journal of Economic Behavior and Organization*
- *Journal of Comparative Economics*
- *PNAS Nexus*
- *International Review of Economics Education*
- *American Economic Journal: Applied Economics*

Grant Reviewing (International)

- Israel Science Foundation – Personal Research Grants

Academic Supervision

- Bachelor’s Theses.....
- Dzhamila Meylanova (winner, best thesis of the Class of 2018), Ivan Klenovskiy, Danila Smirnov, Alena Malyskhina, Anna Alginà, Denis Galiakberov, Daniil Baturin.
- Master’s Theses.....
- Dina Salimova, Egor Epishin, Aldar Saksonov, Konstantin Bondarev.

Awards and Honors for Research

- Premios Sociedad de Estadística e Investigación Operativa – Fundación BBVA 2023 – “Mejor contribución desde la Estadística y la Investigación Operativa a la Ciencia de los Datos y los Big Data” (*Monitoring War Destruction from Space Using Machine Learning*).

Organization and Leadership of Research Projects

- Chapman University Faculty Opportunity Fund (Co-Principal Investigator), “Monitoring War Destruction from Space Using Machine Learning” – \$13,460 – with Jonathan Hersh.

Training or Research at Qualified Institutions (Italy/Abroad)

Brown University

Visiting Research Fellow

Providence, RI, USA

Sep 2012–Feb 2013

Service to the Institution

- Co-Organizer, Bocconi–Carlo Alberto–Cornell Workshop in Political Economy (2023)
- Graduate Committee (Chapman University), 2021–2022
- Brown Bag Seminar Organizer (NES), 2016–2017
- Co-Lead for Social Media (ESOMAS Department – UniTo), 2025–

Languages

Italian: Native

English: Native

Spanish: Good

Technical Skills

- Stata, Matlab, ArcGIS, QGIS, Python