

Mariagrazia Cavallo

ADDRESS

School of Economics
University of Bristol
The Priory Road Complex,
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RESEARCH INTERESTS

Market Design, Economics of Education, Computational Methods

EDUCATION

2019 – 2024 **Ph.D. in Economics**
University of Bristol, UK
Thesis: “Essays on Education Market Design”
Advisors: Simon Burgess and Hans Henrik Sievertsen
Committee: Gregory Jolivet and Camille Terrier

RESEARCH EXPERIENCE

2022 – current Research Associate, University of Bristol
Research assistant for Prof. [Simon Burgess](#), Prof. [Estelle Cantillon](#), and Dr. [Ellen Greaves](#)

WORKING PAPERS

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- “When Geography Shapes Preferences: Redesigning Teacher Assignment in Italy”, with [Battal Dogan](#)
 - *Proceedings of the 25th ACM Conference on Economics and Computation* (2024)
 - “Exemplary Track Paper Award in Applied Modeling” at the 25th ACM Conference on Economics and Computation (2024)
 - “Best Paper Award” at the 25th ACM Conference on Economics and Computation (2024)
 - “Age at school entry: What do we know so far?”, with [Elizabeth Dhuey](#), [Luca Fumarco](#), [Levi Halewyck](#), [Simon ter Meulen](#)

WORK IN PROGRESS

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- “The Italian North-South Divide. Market Design for Balanced Teacher Reassignment.” [draft available soon]

- “Modifying school choice for more equitable outcomes in England”, with [Simon Burgess](#), [Estelle Cantillon](#), [Ellen Greaves](#) [draft available soon]
- “Choosing in the Dark. Information Revelation and Teacher Distribution” [first draft to be revised]
- “Market Design for Retention Policies in Dynamic Teacher Reassignment” [first draft to be revised]
- “Solving High-Dimensional Portfolio Choice Models in School Choice”

POLICY WRITING

“School admissions in England: The rules schools choose on which pupils to admit” (2023), with [Simon Burgess](#), [Estelle Cantillon](#), [Ellen Greaves](#), [Min Zhang](#). Report

PUBLICATIONS

“Lost in Translation. Reading Performance and Math Performance of Second-Generation Immigrant Children in Italy”, with [Giuseppe Russo](#), *Journal of Human Capital*, accepted

REFEREEING

Social Choice and Welfare

AWARDS

- *ACM EC (2024) “Best Paper Award”*
- *ACM EC (2024) “Exemplary Track Paper Award in Applied Modeling”*
- School Bursary, School of Economic, University of Bristol (2019-2023), full scholarship (Ph.D.)
- *Antoine Faure-Grimaud Prize* (2017) for outstanding student performance, University of Naples, Federico II

TEACHING EXPERIENCE

- **Probability, Statistics and Econometrics** (Graduate Teaching Assistant)
 - University of Bristol, UK [2019-20] [2020-21] [2021-22] [2022-23]
- **Mathematics for Economics** (Graduate Teaching Assistant)
 - University of Bristol, UK [2020-21], [2021-22], [2022-23]
- **Macroeconomics** (Teaching Assistant)
 - University of Salerno, Italy [2018-19]

PRESENTATIONS

- 2024 | 25th ACM Conference on Economics and Computation
- 2023 | Economic Seminars Masaryk University (MUES); PhD Seminar University of Bristol
- 2022 | PhD Seminar University of Bristol
- 2021 | Economic Seminars University of Trieste; PhD Seminar University of Bristol; WEAI 96th Annual Conference
- 2020 | PhD Seminar University of Bristol; AIEL 35th National Conference of Labour Economics

PRE-DOCTORAL STUDIES

- 2018 – 2019 | **Master in Analysis and Policy in Economics**
École des hautes études en sciences sociales (EHESS), Paris, France
Dissertation in Economics of Social Interactions
- 2016 – 2017 | **Post Graduate Master in Economics and Finance (MEF)**
University of Naples, Federico II, Italy
Dissertation in Development Economics

OTHER EDUCATION AND COURSES

- 2019 | “Equilibria in Financial Markets: General Equilibrium and Game Theoretic Perspectives”,
Summer School, July, 2019, University of Bielefeld, IMW, Germany
- 2017-18 | “Topology”,
Department of Mathematics, University of Salerno, Italy
- 2017-18 | “Mathematical Analysis”,
Department of Mathematics, University of Salerno, Italy
- 2014 – 2016 | **M.Sc. in Economics and Finance**
Dissertation in Macroeconomics
University of Salerno, Italy
- 2011 – 2014 | **B.A. in Economics and Business Administration**
Dissertation in Macroeconomics
University of Salerno, Italy

SKILLS

- Programming & Softwares** | Python, C++, Cython, Stata, R, Fortran, Julia
HTML, CSS, Javascript
- Languages** | English (Fluent), Italian (Native), French (Basic Knowledge)