Niccolò Lomys

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Academic Appointments

The Chinese University of Hong Kong, Department of Economics
Assistant Professor 08/2026–

CSEF and Università degli Studi di Napoli Federico II
Research Fellow 09/2022–08/2026

Simons Institute for the Theory of Computing, UC Berkeley
Research Fellow 08/2022–12/2022

Toulouse School of Economics
Postdoctoral Research Fellow 09/2018–08/2022

Cowles Foundation for Research in Economics, Yale University
Visiting Fellow 10/2019–11/2019

Education

University of Mannheim
PhD in Economics (summa cum laude) 09/2018

Yale University
Visiting Assistant in Research 08/2015–07/2016

Barcelona School of Economics (Universitat Pompeu Fabra)
MSc in Economics 07/2012

Università degli Studi di Firenze
MSc in Statistics (summa cum laude) 10/2011

Università degli Studi di Firenze
BA in Business Economics (summa cum laude) 04/2009

Research Interests

Microeconomic Theory • Game Theory • Econometrics of Games • Economics & Computation

Research Papers

Working Papers

- **Estimation of Games under No Regret: Structural Econometrics for AI** (with Lorenzo Magnolfi)
  Revise & Resubmit – *Journal of Political Economy*
  Presented at *EC 2025*
  Recipient of the *NET Institute Summer Grant 2024*
- **Identification in Search Models with Social Information** (with Emanuele Tarantino)
  Revise & Resubmit – *Journal of Economic Theory*
- **The Choices of Others: An Experiment on Social Search** (with Maria Bigoni, Michela Boldrini, and Emanuele Tarantino)
  Revise & Resubmit – *Games and Economic Behavior*
- **Information Design with Frame Choice** (with Yulia Evsyukova and Federico Innocenti)
  Revise & Resubmit – *European Economic Review* (special issue in memory of Nora Szech)

- **A Mediator Approach to Mechanism Design with Limited Commitment** (with Takuro Yamashita)
  Presented at *EC 2022*
- **Learning while Bargaining: Experimentation and Coasean Dynamics**
  Best Graduate Paper Award at the *Lisbon Meetings in Game Theory and Applications 2018*
  Finalist for the LAGV Prize at *ASSET 2018*
- **Sequential Search in Networks** (with Matteo Bizzarri and Pietro Dall'Ara)
  Earlier single-authored version presented at *WINE 2023* under the title *Collective Search in Networks*
- **Pandora's Box Problem with Correlations: Some Results for the Case of Stochastic Dominance** (with Matteo Bizzarri)

Selected Work in Progress

- **Robust Identification in Repeated Games with an Application to Algorithmic Competition** (with Antonio Cozzolino, Cristina Gualdani, Ivan Gufler, and Lorenzo Magnolfi)
  Recipient of the *NET Institute Summer Grant 2025*

Publications in Refereed Conference Proceedings (Economics & Computer Science)

- **Estimation of Games under No Regret: Structural Econometrics for AI** (with Lorenzo Magnolfi)
  EC 2025 – *Proceedings of the 26th ACM Conference on Economics and Computation* (extended abstract)
- **Collective Search in Networks**
  WINE 2023 – *Proceedings of the 19th Conference on Web and Internet Economics* (extended abstract)
- **A Mediator Approach to Mechanism Design with Limited Commitment** (with Takuro Yamashita)
  EC 2022 – *Proceedings of the 23rd ACM Conference on Economics and Computation* (extended abstract)

Grants

- NET Institute Summer Grant, 2025
- NET Institute Summer Grant, 2024

Awards, Honors, and Fellowships

- Research Fellowship, Simons Institute for the Theory of Computing, UC Berkeley, 2022
- Best Graduate Paper Award, Lisbon Meetings in Game Theory and Applications 2018
- Finalist, LAGV Prize, ASSET 2018
- Fontana Foundation Fellowship, 2012–2014 & 2017–2018
- Villa Favard Award (best GPA in MSc coursework), School of Economics, Università degli Studi di Firenze, 2012

Research Talks, Visits, and Invitations

Seminars

[2026] Hong Kong University of Science and Technology | University of Bologna | University of Rome Tor Vergata | The Chinese University of Hong Kong | Bilkent University | University of Barcelona | Ca' Foscari University of Venice

[2025] Roy-ADRES Economic Theory Seminar (Paris School of Economics & Sciences Po) | Queen Mary University of London

[2024] University of Verona

[2022] Cornell University | UC Berkeley | HKBU-NTU-Osaka-Kyoto-Sinica joint Theory Seminar | Simons Institute for the Theory of Computing at UC Berkeley | IMT School for Advanced Studies Lucca | HSE University | CSEF (University of Naples Federico II) | University of Bristol | University of Rome Tor Vergata | Corvinus University of Budapest

[2021] LUISS University | University of Essex | University of Vienna

[2020] Bocconi University | Collegio Carlo Alberto & Carlos III University of Madrid (joint webinar)

[2019] Boston University | Yale University | UW–Madison

[2018] Berlin Micro Theory Seminar | CSEF (University of Naples Federico II) | University College London | University of Bologna | Toulouse School of Economics | FTI Consulting (Boston)

[2017] University of Bonn | Toulouse School of Economics

Workshops & Conferences

[2026] Micro Day Seminar on "Contracts and Information" (University of Konstanz/TWI) | Building Blocks for Future Economic Analysis and Modelling: The Role of AI (JRC, Seville)

[2025] Econometric Society World Congress (Seoul) | ACM EC 2025 | SAET Conference | Capri, in Theory | EAYE Annual Meeting | Workshop on Econometrics and Models of Strategic Interactions (Queen Mary University of London) | ASSA Annual Meeting

[2024] AMASES Annual Conference | CSEF-IGIER Symposium on Economics and Institutions | AI, Algorithms, and Markets Workshop (Luiss) | Italian Junior Theory Workshop (Bocconi) | European Conference on Networks (Essex) | Simons Institute for the Theory of Computing at UC Berkeley (Data-Driven Decision Processes Reunion Workshop)

[2023] On the Design of Strategic Interactions (Ca' Foscari University of Venice) | WINE 2023 | Mannheim Economics Alumni Symposium | Workshop on Economic Theories of the Information Society (CERGE-EI) | EARIE | INFORMS Applied Probability Society Conference | Workshop on Econometrics and Models of Strategic Interactions (Vanderbilt University) | Italian Junior Theory Workshop (Luiss)

[2022] EIEF-UNIBO-IGIER Bocconi Workshop on IO | Google Research (Google-Simons Day) | Simons Institute for the Theory of Computing at UC Berkeley (Meet the Fellows Workshop) | Stony Brook ICGT | SAET Conference | ACM EC 2022 | CSEF-IGIER Symposium on Economics and Institutions | Barcelona School of Economics Summer Forum: Networks | Conference on Economic Design | BRIC Conference | Paris Conference on Digital Economics | MaCCI Annual Conference

[2021] EWMES | LEG 2021: Learning, Evolution, and Games | World Congress of the Game Theory Society

[2020] RUD Conference | Econometric Society and Bocconi University Virtual World Congress | Conference on Mechanism and Institution Design

[2019] ESEM | Petralia Workshop | Stony Brook ICGT | SAET Conference | ES NAWM

[2018] EIEF-UNIBO-IGIER Bocconi Workshop on IO | ASSET Annual Meeting | Lisbon Meetings in Game Theory and Applications | EARIE | European Conference on Networks (BSE) | IIOC

[2017] EWMES | EARIE | Summer School of the Econometric Society | Petralia Workshop | Bonn–Mannheim Economics PhD Workshop | MaCCI IO Day | Annual Conference on Network Science and Economics | ENTER Jamboree

[2016] Lisbon Meetings in Game Theory and Applications | ESEM | World Congress of the Game Theory Society

Short Research Visits

The Chinese University of Hong Kong (03/2026) | Queen Mary University of London (05/2025) | UW–Madison (10/2019) | University of Warwick (06/2018) | University of Bonn (11/2017)

Other Invitations

Workshop on Econometrics and Models of Strategic Interactions (Toulouse School of Economics, 2026) | Dynamics and Information Workshop (Tel Aviv University, 2020) | Cowles Summer Conference in Economic Theory (Yale, 2019) | ESSET (Gerzensee, 2018 & 2019)

Summer Schools

Summer School of the Econometric Society (Seoul, Summer 2017) | Jerusalem School in Economic Theory: Dynamic Games (Jerusalem, Summer 2015) | RES–York Summer School on Game Theory (York, Summer 2013)

Professional Activities and Service

Referee Service

Journals: AER: Insights | Economic Journal | European Economic Review | Games and Economic Behavior | Information Economics and Policy | International Economic Review | International Journal of Game Theory | Journal of Economic Theory | Journal of Mathematical Economics | Journal of Political Economy | Management Science | The Review of Economic Studies | Theoretical Economics

Conferences: EAYE Annual Meeting (2025 & 2026)

Seminar, Workshop, and Conference Organization

- Co-organizer of the **Economic Theory Seminar** – The Chinese University of Hong Kong, 2026–2027
- Co-organizer of the **III Italian Junior Theory Workshop** – Federico II, 05/2025
  With Matteo Bizzarri and Elia Sartori
- Organizer of the **Session on Dynamic Games and Markets** – AMASES Annual Conference, 09/2024
- Co-organizer of the **Workshop on Econometrics and Models of Strategic Interactions** – Federico II, 05/2024
  With Christian Bontemps, Milena Ceparano, Andrew Chesher, Áureo de Paula, Cristina Gualdani, and Tong Li
- Co-organizer of the **Economic Theory Seminar** – Toulouse School of Economics, 2018–2022

Teaching

The Chinese University of Hong Kong – Course Instructor

- **ECON 5160: Game Theory** (PhD & MPhil in Economics) – Spring 2027
- **ECON 5011: Microeconomic Theory** (MSc in Economics) – Fall 2026

Naples School of Economics – Course Instructor

- **Mathematics II: Probability Theory** (PhD & MRes in Economics) – Spring 2023, Fall 2023–2025
- **Mathematics I: Real Analysis** (PhD & MRes in Economics) – Fall 2024
- **Topics in Economic Theory: AI-Driven Markets** (PhD & MRes in Economics) – Spring 2025, Spring 2026

Toulouse School of Economics – Course Instructor

- **Economic Theory** (Master 2 ETE & PhD in Economics) – Spring 2019, Spring 2020

University of Mannheim – Teaching Assistant

- **BE 511: Business Economics II** (Master in Management) – Spring 2014, Spring 2018
- **E 703: Advanced Econometrics I** (PhD in Economics) – Fall 2016
- **E 700: Mathematics for Economists** (PhD in Economics & PhD in Business) – Fall 2013, Fall 2014

Yale University – Teaching Fellow

- **ECON 121: Intermediate Microeconomics** (Bachelor in Economics) – Spring 2016
- **ECON 115: Introductory Microeconomics** (Bachelor in Economics) – Fall 2015

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