

# CAIO LORECCHIO

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## Research Areas

Microeconomic Theory, Game Theory, Information Economics, Political Economy, Industrial Organization.

## Education

- **Ph.D.** in Economics, *São Paulo School of Economics, FGV*, 2017-2021.
- Visiting Student in Economics, *University of Texas at Austin*, 2019-2020.
- **M.S.** in Economics *São Paulo School of Economics, FGV*, 2015-2017.
- Visiting Student, *Sciences Po*, 2011-2012.
- **B.S.** in International Relations, *University of Brasilia*, 2008-2013.

## Current Position

**Assistant Professor** in Economic Theory, *University of Barcelona*, 2023-present.

## Past Positions

- **Postdoctoral Researcher** in Economic Theory, *University of Barcelona*, 2021-2023.
- **Lecturer** in Game Theory, *Inspira*, 2021.

## Other Activities

- Member of the Research Group in Welfare Economics (CREB).
- Member of the Barcelona Economic Analysis Team (BEAT).

## Publications

- Caio Lorecchio, Daniel Monte (2023). **Bad Reputation with Simple Rating Systems**. *Games and Economic Behavior*, 142, 150-178.

We explore how simple rating systems can mitigate the negative effects of reputational concerns in online reputation systems, particularly in scenarios involving long-lived experts and short-lived customers.

- Caio Lorecchio, Daniel Monte (2023). **Dynamic Information Design under Constrained Communication Rules**. *American Economic Journal: Microeconomics*, 15(1), 359-98.

We examine how an information designer can persuade agents to invest in a project under communication constraints that limit belief spread and hinder persuasion.

## Ongoing Projects

- Caio Lorecchio, Oriol Tejada, Gerard Domènech-Gironell (2024). **Information Acquisition in Deliberative Democracies**. *Under review*.

We study how deliberation in democracies impacts costly information acquisition and electoral outcomes. While it can enhance legitimacy and accuracy, it may also lead to free-riding or over-reliance on political experts.

- Caio Lorecchio, William Fuchs, Vladimir Asriyan (2024). **Multilateral Bargaining with Information Spillovers**. *Work in progress*.

Correlated demands rationalize more dynamic pricing than what classic bargaining models suggest.

- Caio Lorecchio, Braz Camargo, Laura Karpuska (2023). **Political Accountability and Misinformation**. *Work in progress*.

We study how misinformation affects political accountability. Misinformation can negatively impact effective accountability, but also, perhaps counter-intuitively, can increase it.

- Caio Lorecchio (2022). Persuading Crowds. *Working paper*.

I examine crowd manipulation through dynamic info design, and show when to induce herd behavior from the outset and when to withhold decisive releases for later periods.

## Talks

- **2024:** 35th Stony Brook International Conference on Game Theory; Armenian Economic Association Meeting; North American Summer Meeting of the Econometric Society; XXXVIII *Jornadas de Economia Industrial*; Micro Theory Seminars of the Berlin School of Economics (HU, TU, WZB, ESMT, Hertie, Posdam); Economic Theory Seminars at University of Barcelona; Seminars on Game Theory and Economic Dynamics at University of Barcelona.
- **2023:** 34th Stony Brook International Conference on Game Theory; Armenian Economic Association Meeting; 3rd Durham Economic Theory Conference; Catalan Economic Society Congress; 2nd *Universitat de Barcelona* Microeconomics Workshop; 12th Annual Conference of the Israeli Chapter of the Econometric Society; Workshop on Economic Theories of the Information Society at CERGE-EI.
- **2022:** North American Summer Meeting of the Econometric Society; *Universitat de Barcelona* Microeconomics Workshop; 74th European Meeting of the Econometric Society; 4th *Trobada* of the Barcelona Economic Analysis Team; Economic Theory Seminars of Florida State University (virtual).

- **2021:** 6th World Congress of the Game Theory Society (virtual); North American Winter Meeting of the Econometric Society (virtual), 43rd Meeting of the Brazilian Econometric Society (virtual); Delhi Winter School (virtual).
- **2019-2020:** 42nd Meeting of the Brazilian Econometric Society (virtual); Midwest Economic Theory Conference.

## Teaching Experience

- **Microeconomics II (Industrial Organization)**, B.S. in Economics, University of Barcelona, 2023-present (*instructor*).
- **Microeconomics**, M.S. in Political Economy and Institutions, University of Barcelona, 2021-present (*instructor*).
- **Advanced Microeconomics (Winter Course)**, Ph.D. in Economics, Universitat Rovira i Virgili, 2024 (*instructor*).
- **Game theory**, B.S. in Economics, Insper, 2021 (*instructor*).
- **Microeconomics** (preparatory course for the Brazilian Admission Test for Graduate Students in Economics), B.S. in Economics, São Paulo School of Economics, FGV, 2018-2019 (*instructor*).
- **Game Theory**, Ph.D. in Economics, São Paulo School of Economics, FGV, 2017-2018 (*teaching assistant*).
- **Mathematics for Economists**, B.S. in Economics, São Paulo School of Economics, FGV, 2016 (*teaching assistant*).

## Referee Service

Mathematical Social Sciences, Brazilian Review of Econometrics, Games and Economic Behavior, Journal of Economic Theory.

## Other Academic Services

- **International Tutor** at University of Barcelona, 2024-present.
- **Member of the Recruiting Committee** of the Economic Theory Section of University of Barcelona, 2022/2023, 2023/2024, 2024/2025.
- **Reviewer** of the European Association of Young Economists, 2024, 2025.
- **Member of the Scientific Committee** of the 46th Annual Meeting of the Brazilian Econometric Society, 2024.
- **Organizer** of the Universitat de Barcelona Microeconomics Workshops, 2022, 2023, 2024, 2025.

## Grants and Awards

- PID Grant (PID2023-148696OA-I00), Principal Researcher Olga Chiappinelly, Spanish Ministry of Science and Innovation, 2024-present.
- PID Grant (PID2021-12837OB-I00), Principal Researchers Joan Calzada and Xavier Fageda, Spanish Ministry of Science and Innovation, 2022-present.
- SGR Grant for the Research Group in Welfare Economics (SGR 00862), Principal Researcher Montserrat Vilalta, Government of Catalunya, 2021-present.
  - Emerging Areas Grant (UB-AE-2022), Principal Researchers Oriol Tejada and Ata Atay, University of Barcelona, 2022-2023.
- Visiting Ph.D. Student Scholarship at University of Texas at Austin, Brazilian Ministry of Education, 2019-2020.
- Best Theory Paper Award at the 41st Meeting of the Brazilian Econometric Society, 2019.
- Graduate Scholarship, Brazilian Ministry of Education, 2015-2021.

## Language Skills

Portuguese, English, Spanish, Catalan, French.

## Programming Skills

Python, R, Matlab, LaTeX, Markdown.