

Alessio Carrozzo Magli

Research fellow – Economics

CONTACTS

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SEMINARS AND CONFERENCES

Presenter

- (3-4 June 2024)
Macroeconomic Green Dynamics – University of Urbino
- (28 Nov 2023)
Graduate seminar– KU Leuven
- (22 -23 Nov 2023)
XVI Vilfredo Pareto PhD Workshop in Economics (VPDE) – Collegio Carlo Alberto & University of Turin
- (14 -15 Sep 2023)
Seminar for New Academic Research (SNAR), Open University of Catalonia, Barcellona (Spain)
- (26-27 May 2023)
XIII NERI Workshop – University of Bari
- (30 Nov, 6 Dec 2022; 26 Apr 2023)
Graduate seminar – ENS Lyon
- (14 Nov 2022)
CLEAN Seminar series – Università Bocconi, Milan
- (15 Jun 2022)
European Society for Ecological Economics (ESEE) - University of Pisa

Participant

- (8-12 July 2019)
Summer school on data science and epidemic models - University of Trento

EDUCATION AND TRAINING

RESEARCH GRANT – Sapienza University of Rome, Rome (ITALY)

(1st Dec 2023 – Ongoing)

- Research project: Building trust in institutions in presence of economic crimes.
- My main tasks include: (i) data collection from multiple sources and (ii) preparation of the final dataset; (iii) empirical analysis through the implementation of various econometric techniques for causal identification in both panel and dynamic panel data settings.

PHD – ECONOMICS – University of Bologna, Bologna (ITALY)

(4th Nov 2019 –8th July 2024)

- I use game theory and various types of econometric techniques to investigate the unintended effects of different types of government’s response strategies on the forms and level of organize-crime-related violence.
 - Chapter 1 PhD Thesis (Job market paper): I investigate the effect of economic response and law enforcement on the violent retaliation (e.g., murders of public officers and civilians) from criminal organizations and the possibility of “mafia wars”.
 - Chapter 2,3 PhD Thesis: I study the effect that the State beheading of asymmetric criminal cartels can have on the conflict intensity within the organization itself as well as on illegal profits.
- **Visiting period** - École Normale Supérieure, Lyon (FRANCE)
(Nov-Dec 2022, Apr-May 2023)
 - I presented and discussed the chapters of my PhD thesis to the faculty.
 - I refined the causal identification of my job market paper and deepened the setup and research strategy of Chapter 3 of my PhD thesis, with the supervision of Prof. Mathieu Couttenier and Prof. Sophie Hatte.

• **Main courses attended:** Microeconomics, Game theory, Macroeconomics, Econometrics, Political economy, Behavioural law and economics, Comparative development, institutions and demography, Dynamic games for the environment, Climate change and finance.

- Assistant supervisor of two master dissertations
- Discussant for the presentation of the book “A modern guide to the economics of crime” (2022), published by Buonanno P., Vanin P., Vargas J., Elgar Modern Guides.

MSc – ECONOMICS – University of Pisa & Sant’Anna School of Advanced Studies, Pisa (ITALY) (Joint degree)

(Sept 2018 – Oct 2019)

- Master thesis: “Sustainability games: ubiquitous reappearance of prisoner’s dilemma at different scales” (advisor: prof. Piero Manfredi)
- Final grade: 110/110 *cum laude*. I received a special mention by the Rector for having completed the program in one year (50% of legal duration) scoring maximum in nine exams out of thirteen (five of them *cum laude*), additionally contributing to the tutoring program for students with learning disorders.

BSc – ECONOMICS (“Economia e commercio”) – University of Pisa (ITALY)

(Sept 2016 – Sept 2018)

- Final mark: 110/110 *cum laude*, achieved in two years only (3-years program).

DIGITAL SKILLS

- LaTeX
- Stata
- Mathematica
- R studio
- Matlab
- ECDL (2013)
- Office package

LANGUAGES

- Italian (mother tongue)
- English (C2)
- French (B2)
- Chinese (A2)

DRIVING LICENSE

AM, B

HONORS AND AWARDS

- Listed in the register of excellence of the Ministry of Education (2016)
- Scholarship for the best final mark (2015/2016)
- Long jump national CSI bronze medal (2015)
- Long jump student regional champion and national finalist (2014)

PUBLICATIONS

- [Tired social distancing policies and epidemic control](#)

Bilman, P.A., Carrozzo Magli A., D'Onofrio A., Manfredi P. (2022), *Proc.R.Soc. A* 478:20220175

- [Coordination game vs prisoner's dilemma in sustainability games: A critique of recent contributions and a discussion of policy implications](#)

Carrozzo Magli A., Manfredi P., (2022) *Ecological Economics*, 192, 107268

- [The Tragedy of the Commons as a Prisoner's Dilemma. Its relevance for sustainability games](#)

Carrozzo Magli A., Della Posta P., Manfredi P. (2021) *Sustainability*, 13(15), 8125

- [Deteriorated Covid19 control due to delayed lockdown resulting from strategic interactions between Governments and oppositions.](#)

Carrozzo Magli A., d'Onofrio A., Manfredi P. (2020), *MedRxiv*, 2020.05.26.20112946.

WORK EXPERIENCE

TEACHING ASSISTANT

- (Apr 2024 – Ongoing): Economic policy and methods, MSc in Statistics, Economics and Management, University of Bologna
- (Feb 2024 – Ongoing): Microeconomics, BSc in Economics, Politics and Social Sciences, University of Bologna
- (Feb 2024 – Ongoing): Macroeconomics, MSc in Economics and Econometrics, University of Bologna
- (Sep 2023 – Nov 2023): Microeconomics, MSc in Economics and Econometrics, University of Bologna
- (Feb 2021 – Ongoing): Macroeconomics, BSc in Economics and Finance, University of Bologna
- (Nov-Dec 2020): Microeconomics, MSc in Economics and Economic Policy, University of Bologna
- (Mar – Oct 2019): Calculus for students with learning disorders, Department of Economics and Management, University of Pisa.

PRIVATE TUTOR

(Dec 2016 – Ongoing)

- My high school recommended me as a private tutor for middle and high school students, including students with learning disorders.

INTERN – Credito di Valdinievole, Pisa (ITALY)

(June 2015)

- 36-hours internship at the bank "Credito di Valdinievole" to support the teller for the reception clients service and the daily cash flow accounting.