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UNIVERSITY OF MODENA AND REGGIO EMILIA

Office Contact Information

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Personal Informations

Citizenship: Italian
Date of Birth: 05/12/1981
Sex: Male
Civil Status: Married, two children.

Main Current Positions

From October 2023: *Associate Professor in Economic Policy*, Department of Economics "Marco Biagi", University of Modena and Reggio Emilia (Italy).

Other Positions

Since November 2023: Advisory Board member of the Computational Social Science – Research Center for Education and Network Studies (CSS-RECENS), Hungarian Academy of Sciences.

Since Settembre 2020: *Honorary Lecturer in Financial Computing*, Department of Computer Science, University College London (UK).

Since May 2019: Research Associate of the UCL Center for Blockchain Technologies.

Since March 2019: Research Associate of the London School of Economics – Systemic Risk Center.

Since November 2015: Member of the Steering committee (and founding member) of the REBEL: Reggio Emilia Behavioural and Experimental Laboratory.

Since January 2018: Member of Dynamic Systems Analysis for Economic Theory and Society research group, University of Paris Dauphine.

Since August 2015: Associate Member of the C.A.P.P. (Centro di Analisi delle Politiche Pubbliche – Center for the Analysis of Public Policies), University of Modena and Reggio Emilia.

Since October 2010: *Research Affiliate* of the Namur Center for Complex Systems.

Former Positions

From July 2023 to October 2023 : *Associate Professor in Mathematical Methods for Economics, Finance and Actuarial Sciences*, Department of Economics, Ca’Foscari University of Venice (Italy).

From May 2022 to December 2024: Member of the Italian National Institute for High Mathematics (INdAM), National Group for Analysis, Probability and their Applications.

From July 2020 to July 2023 : *Senior Assistant Professor (Ricercatore a tempo determinato B) in Mathematical Methods for Economics, Finance and Actuarial Sciences*, Department of Economics, Ca’Foscari University of Venice (Italy).

June 2018–July 2020: *Lecturer (Assistant Professor) in Financial Computing*, Department of Computer Science, University College London (UK).

March 2016–May 2018: *Junior Assistant Professor (Ricercatore a Tempo Determinato, Tipo A)* at the Department of Agricultural and Food Sciences, University of Bologna (Italy)

January 2015–January 2018: Affiliated *Research Fellow* at the Center for Social Sciences of the Hungarian Academy of Sciences (MTA TK), “Lendület” Research Center for Educational and Network Studies, Budapest.

January 2015–February 2016: Research Fellow (“*Assegnista di Ricerca*”) at the Department of Economics of the University of Modena and Reggio Emilia (Italy).

November 2012–December 2014: *Research Fellow* at the Center for Social Sciences of the Hungarian Academy of Sciences (MTA TK), Budapest.

April 2013–December 2014 (several periods for 5 total months): *Visiting Professor* at ESCP-Europe Business School, Paris Campus.

September 2009–June 2012, *Ph.D. Student*, University of Namur, Department of Economics and Centre de recherche en économie du développement (CRED).

September 2007–September 2009, *Researcher* University of Namur, Department of mathematics.

September 2005–September 2007, *Research Assistant*, University of Modena and Reggio Emilia, Department of Social, Cognitive and Quantitative sciences.

Education

Ph.D. in Economics from the University of Namur (Belgium), Member of the Economics School of Louvain – September 2009 to June 2012 – THESIS TITLE: *Essays in information aggregation and political economics*. Supervisor: Gani Aldashev.

Master Degree in Economics and Management of Networks and Innovation (2003/2005) – University of Modena and Reggio Emilia (Italy) – Marks: 110/110 with Laude – TITLE THESIS: *Creation of an Industrial District and of Innovation from the point of view of complexity theory* (Supervisor: Prof. David Avra Lane)

Bachelor Degree in Economics, Networks and Innovation (2000/2003) - University of Modena and Reggio Emilia (Italy) – Marks: 100/110 – TITLE THESIS: *Open Source Intelligence – Report on the stage at ExpertWeb S.r.l.*

Research Interests

- Cooperation and Pro-social behaviour (Theory and Experiments).
- Simulated Financial Markets: systemic properties and behavioral bias.
- Social Interactions on Complex Networks.
- Companies decision strategies in the digital economy.

Linguistic skills

- Italian (Mother tongue)
- English
- French
- Basic Spanish

Professional Activities

24 Invited Seminars and Talks : **(1)**University of Namur, Department of Mathematics (September 2009); **(2)** University of Namur, Cred Workshop (November 2011); **(3)** Louvain School of Economics, Doctoral Workshop (January 2012); **(4)** University of Verona, Department of Economics (December 2012); **(5)** Hungarian Academy of Sciences, “Lendület” Recens Seminars (January 2013); **(6)** Hungarian Academy of Sciences, Center for Social Sciences (February 2013); **(7)** University of Venice, Department of Economics (February 2013); **(8)**Central European University, Center for Network Sciences (January 2014); **(9)** Corvinus University, Game Theory Seminars (April 2014); **(10)** University of Cergy-Pontoise, THEMA (May 2014); **(11)** University of Modena and Reggio Emilia, Department of Economics (February 2015); **(12)** Hungarian Academy of Sciences, Workshop on New experimental methods (December 2015); **(13)** University of Orleans, Department of Economics (November, 2016); **(14)** University College London, Financial Computing and Analytics Group (November, 2017); **(15)** University of Bologna, Department of Agri-Food Sciences (May, 2018); **(16)** SEED Seminars – UCL (London, November 2018); **(17)** Dynamic Systems Analysis for Economy and Society International Workshop, ISC-PIF (Paris, June 2019);

(18) University of Brighton, Brighton Business School (February 2020); (19) IMT Lucca (February 2021); (20) Scuola Superiore Sant’Anna Pisa (June 2021); (21) Università Ca’Foscari Venezia (November 2021); (22) ETH Zurich - Chair of Systems Design (December 2021); (23) University of Modena and Reggio Emilia - Department of Economics (February 2024); (24) Linköping University - Institute for Analytical Sociology (February 2025).

51 Contributed talks: (1)International Workshop “Socio-Physics: Status and Perspectives” (Turin, Italy. May 2008); (2)Workshop on Artificial Life and Evolutive Computation (Venice, Italy. September 2008); (3)European Conference on Complex Systems (Warwick, UK. September 2009); (4) Conference of the Italian Association for Artificial Intelligence (Reggio Emilia, Italy. December 2009), (5) Dynamical Models in Economics and Finance Conference (Urbino, Italy. September 2010); (6) European Conference on Complex Systems (Bruxelles. Belgium. September 2012); (7) 8th Conference of the European Social Simulation Association (Salzburg, Austria. September 2012); (8) XXXIII Sunbelt Social Networks Conference of the International Network for Social Network Analysis (Hamburg, Germany. May 2013); (9) ECORE Summer School 2013 (Leuven, Belgium. May 2013); (10) Network and Externalities Workshop (Budapest, Hungary. June 2013); (11) International Conference on Interactions in Complex Systems (Orleans, France. June 2013); (12) Workshop on Artificial Life and Evolutive Computation (Milan, Italy. July 2013); (13) European Conference on Complex Systems (Barcelona, Spain. September 2013); (14) Annual Conference of the European Association for Evolutionary Political Economy 2013 (Paris, France. November 2013); (15) Third International Symposium in Computational Economics and Finance (Paris, France. April 2014); (16) European Conference on Modelling and Simulations (Brescia, Italy. May 2014); (17) 63rd Annual Meeting of the French Economic Association (Lyon, France. June 2014); (18) 10th Conference of the European Social Simulation Association (Barcelona, Spain. September 2014); (19) Conference of the Association of Southern European Economic Theorists (Aix-en-Provence, France. November 2014); (20) Networks in Economics and Finance Workshop (Louvain-la-Neuve, Belgium. December 2014); (21) Bomopav 2015 (Modena, Italy. March 2015); (22) Workshop on Heterogeneous Interacting Agents - WEHIA 2015 (Sophia-Antipolis, France. May 2015); (23) 2nd International Workshop on Financial Markets and Non-linear Dynamics (Paris, France. June 2015); (24) International Conference on Computational Social Science (Helsinki, Finland. June 2015); (25) Annual Conference of the European Association for Evolutionary Political Economy 2015 (Genova, Italy. November 2013); (26) Fourth International Symposium in Computational Economics and Finance (Paris, France. April 2016); (27) Social Interactions and Society Workshop (Zurich, Switzerland. May 2016); (28) Workshop on Heterogeneous Interacting Agents - WEHIA 2016 (Castellon de la Plana, Spain. June 2016); (29) Social Simulations Conference (Rome, Italy. September 2016); (30) European Conference on Modelling and Simulations (Budapest, Hungary. May 2017); (31) Workshop on Heterogeneous Interacting Agents - WEHIA 2017 (Milano, Italy. June 2017); (32) VIII Workshop on institutions, individual behaviour and economic outcomes (Alghero, Italy. June 2017); (33) Italian Society for Agricultural Economics 2017 (Bisceglie,

Italy. September 2017); **(34)** PEERE 1st International Conference on Peer Review (Rome, Italy. March 2018); **(35)** Second International Conference on Data Science and Social Research (Milan, Italy. February 2019); **(36)** Workshop on Heterogeneous Interacting Agents - WEHIA 2019 (London, UK. June 2019); **(37)** 7th International Workshop on Social Network Analysis (ARS'19), special session on Multilayer network analysis in Economics, Social Sciences and Policy Analysis (Vietri sul Mare, Italy. October 2019); **(38)** PEERE 2nd International Conference on Peer Review (Valencia, Spain. September 2020); **(39)** Workshop on Heterogeneous Interacting Agents - WEHIA 2021 (Online, November 2021); **(40)** 5th European conference on Social Networks (Naples (Online), Italy, September 2021); **(41)** 1st DISEI-Workshop on Heterogeneity, Evolution and Networks in Economics (Florence, Italy, September 2021); **(42)** Annual Conference of A.M.A.S.E.S 2021 (Online, Italy, September 2021); **(43)** Social Simulations Conference (Online, Poland, September 2021); **(44)** The Second Conference on Zero/Minimal Intelligence Agents (Online, USA, October 2021); **(45)** Conference on Complex Systems (Lyon, France, October 2021), **(46)** International Conference on Social Dilemmas (Copenhagen, Denmark, July 2022), **(47)** Workshop on Learning, Evolution and Games (IMT-Lucca, Italy, July 2022); **(48)** Workshop on Artificial Life and Evolutionary Computation (Venice, Italy, September 2023); **(49)** International Conference on Social Dilemmas (Leiden, Netherlands, July 2024); **(50)** Workshop on Artificial Life and Evolutionary Computation (Namur, Belgium, September 2024); **(51)** CIMET 2025 Workshop (Lecce, Italy, June 2025).

Member of Editorial Board: **(1)** Frontiers in Artificial Intelligence; **(2)** Humanities and Social Sciences Communications (Associated Editor - Economics Panel & Networks Panel); **(3)** Journal of Economic Interaction and Coordination (Guest Editor for Special Issue) **(4)** Mathematics (Topic Editor); **(5)** Data-Driven Modelling (Section Editor)

Referee Service: **(1)** Journal of Evolutionary Economics **(2)** Journal of Economic Behaviour and Organization; **(3)** Economic Modelling; **(4)** Computational Economics; **(5)** Macroeconomic Dynamics; **(6)** International Game Theory Review; **(7)** Economic Change and Restructuring; **(8)** Accounting Economics and Law: A Convivium; **(9)** Journal of Interdisciplinary Economics ; **(10)** Scientometrics; **(11)** Journal of Artificial Societies and Social Simulations; **(12)** Risks; **(13)** Journal of Network Theory in Finance; **(14)** PLoS ONE; **(15)** Agricultural and Food Economics; **(16)** Entropy; **(17)** Chaos; **(18)** International Journal of Modern Physics C; **(19)** Physics Letters A; **(20)** Investment Management and Financial Innovations, **(21)** Review of Evolutionary Political Economy; **(22)** Dynamic Games and Applications **(23)** Network Science; **(24)** Scientific Reports.

Project Evaluation: **(1)** Expert evaluator for *Grantová agentura České republiky* (Grant agency of the Czech Republic); **(2)** Expert evaluator for *University of Florence RTD projects*; **(3)** Expert Evaluator for FISIR 2020 - Covid-19 call (Italian national projects). **(4)** Expert Evaluator for UKRI-ESRC (UK funding agency for Economics and Social Sciences); **(5)** Expert Evaluator for *IMT-Lucca RTD projects*.

Conferences Organization: Co-organizer of the *Bomopav Economics Meeting*, June 2026, Department of Economics, University of Bologna.

Organizer of the workshop *Cooperation and Pro-sociality*, May 2026, University of Modena and Reggio Emilia.

Organizer of the workshop *Ricerca, innovazione e sostenibilità ambientale in Italia: evidenze e prospettive oltre il PNRR (M4C2)*, April 2026, University of Modena and Reggio Emilia.

Organizer of the *Bomopav Economics Meeting*, May 2025, Department of Economics “Marco Biagi”, University of Modena and Reggio Emilia.

Organizer of the *Workshop CO-OPTION: Human cooperation for the sustainable management of public goods under institutional punishment and corruption*, May 2025, Department of Economics “Marco Biagi”, University of Modena and Reggio Emilia.

Organizer of the conference *WEHIA 2019: Workshop on Economics with Heterogeneous Interacting Agents*, June 2019 (~190 received papers).

Organizer of the *WEHIA 2019 Summer School*, June 2019 (~40 young researchers).

Organizer of the Workshop *New dimensions of Social Capital from Big Data to Field Experiments*, February 2018.

Organizer of a Session of *2nd International Conference on Peer Review (PEEREWIC) 2020* (Session on “Computational Models of Peer review”).

Member of the program committee of *1st International Conference on Peer Review (PEEREWIC) 2018*.

Member of the program committee of *Italian Workshop of Artificial Life and Evolutive Computing (Wivace) 2017*.

Member of the program committee of *European Association for Agricultural Economics (EAAE) Conference 2017*.

Member of the program committee of *European Social Simulation Association (ESSA) Conference 2014*.

Member of the program committee of *European Conference on Modelling and Simulations (ECMS) 2014 - track “Finance, Economics and Social Sciences”* (position held for all annual conferences from 2014 to 2024).

Member of the program committee of *European Conference on Complex systems (ECCS) 2012 - track “Social Systems, Economics and Finance”*.

Member of the scientific committee of *Cultural and opinion dynamics: Modeling, Experiments and Challenges for the future*, Satellite Meeting of ECCS 2013.

Professional Consulting:

March 2025-December 2025, Optimization of Policies to support Key supply chains in Tuscany region, Tuscany Region.

June 2018-July 2020, Distributed Ledger Technology Economics Advisor for InvenTrust Ltd. (Design of the economic incentive structure).

July 2022, COBE s.r.l., Distributed Ledger Technology reviewer for the writing of the White and Yellow papers.

Dissemination activity

November 2018: Invited Speaker to the “Hammamet conference series” organized by the British Council to foster academic, institutional and innovation links between North Africa and the UK.

April 2019: Presentation of the research proposal “Money creation and allocation, algorithmic bias and financial stability: a data-driven model of Peer-to-Peer lending” at the Rebuilding Macroeconomics group of the National Institute of Economic and Social Research (London).

October 2019: Invited Speaker to the UBRI-Connect (University Blockchain Research Initiative) Conference organized by Ripple. 200 participants, 30 invited speakers. Title of the plenary talk: “Decentralized Platform Economics: Optimal Incentives and Structure”. San Francisco, 3 October 2019.

February 2020: Invited Speaker to the workshop “Complexity and the Token Economy”, about 40 participants, 4 invited speakers. City, University of London (London, UK), 12 February 2020.

Teaching

Academic Year 2026/27 Lecturer of the course “**History of Economic Thought**”, held at the University of Modena and Reggio Emilia.

From Academic Year 2025/26 Lecturer of the course “**Social Network Analysis for Humanities and Social Science**”, held at the University of Modena and Reggio Emilia (Ph.D. in Humanities, Technologies and Society).

Academic Year 2025/26 Lecturer of the course “**Data Analytics**”, held at the University of Modena and Reggio Emilia.

Academic Year 2024/25 Lecturer of the course “**Network Data Analytics**”, held at the University of Modena and Reggio Emilia.

From Academic Years 2023/24 Lecturer of the course “**Monetary Economics**”, held at the University of Modena and Reggio Emilia.

From Academic Years 2023/24 Lecturer of the course “**Introduction to Macroeconomics**”, held at the University of Modena and Reggio Emilia (for the A.Y. 2025/2026 held the course for both CLEMI and CLEF students).

Academic Years 2020/21 and 2021/22 Co-Lecturer of the course “**Computational Economics**”, held at the Ca’Foscari University of Venice (Ph.D. module).

Each year from the Academic Year 2020/21 to 2022/23 Lecturer of the course “**Agent-Based Modelling**”, held at the Ca’Foscari University of Venice.

Each year from the Academic Year 2019/20 to 2022/23 Lecturer of the course “**Computing Skills for Economics and Finance**”, held at the Ca’Foscari University of Venice.

Each year from the Academic Year 2019/20 to to 2022/23: Lecturer of the course “**Financial Mathematics**”, held at the Ca’Foscari University of Venice.

Lecturer of the course “**Market Microstructure**”, at the University College London held in the Academic Year 2018/2019 and 2019/20.

Lecturer of the course “**History of Consumption and Marketing Models**”, held at the University of Modena and Reggio Emilia in the Academic Year 2017/2018 (50% with Elias Carroni).

Expert seminars for the course “**Food Economics**”, responsible for the modules “*Evolution of Cooperation*” and “*Networks*” held at University of Bologna in the Academic Year 2017/2018.

MOOC course “**Laboratorio di Analisi dei dati**” (Data Analysis Laboratory) held at University of Modena and Reggio Emilia in the Academic Year 2016/2017, module on “Latex”.

Lecturer of the mini-course “**Social Network Analysis for Economists**” held at University of Modena and Reggio Emilia in Winter 2006.

Substitute lecturer of the course “**Economics and Politics**” (Master Course) held at University of Namur in Spring 2012

Substitute lecturer of the course “**Probability and Statistics**” (Bachelor course), held at the University of Modena and Reggio Emilia, Spring 2006.

Supervision

- Ph.D. supervision: Tianshan Li, co-supervisor (expected completion date: October 2030).
- Ph.D. supervision: Shirsendu Podder, first supervisor (Ph.D. completed in December 2022); Mingtang Li, co-supervisor with Giacomo Livan (Ph.D. completed in June 2024).
- Research Master dissertation supervisions, 1 student.
- Master Dissertation supervision, 19 students: “MSc in Computational Finance”, “MSc in Financial Risk Management” and “MSc in Machine Learning” at University College London, academic years 2017/18 to 2020/21.
- “Laurea Magistrale” (Master) supervision, 2 students: “Laurea Magistrale in Management e Comunicazione d’Impresa”, Università di Modena e Reggio Emilia, academic year 2018/19 and 2019/20 (Erasmus+ Traineeship mentor).
- BSc dissertation supervision, 18 students: “BSc Economics and Business”, Ca’Foscari University of Venice, academic year 2019/20 and 2020/21.

- BSc and MEng dissertation supervision, 10 students: “BSc in Computer Science” and “MEng in Computer Science”, University College London, academic year 2018/19 and 2019/20.

Scientific Qualifications:

Since November 2024: Italian qualification as Full Professor in Economic Policy (Section 13/A2, SECS/P02)

Since June 2022: Italian qualification as Full Professor in Mathematical Methods for Economics, Finance and Actuarial Sciences (Section 13/D4)

Since January 2022: Italian qualification as Associate Professor in Mathematical Methods for Economics, Finance and Actuarial Sciences (Section 13/D4)

Since January 2020: Italian qualification as Associate Professor in Political Economics (Section 13/A1) and Economic Policy (Section 13/A2).

Since February 2014 (renewed in 2018): French qualification to the functions of Maître de conférences (Associate Professor) in Economic Sciences (Section 05).

Other Scientific/Administrative Tasks

Since April 2026: Member of the sub-committee on Weighted Teaching Load.

- **Since April 2026:** Member of the sub-committee on the Reform of the Academic Calendar.

Since September 2025: Programme Director for CLEMI (Corso di Laurea in Economia e Marketing Internazionale), University of Modena and Reggio Emilia.

Since April 2025: Member of the Academic Board of the Ph.D. Program in Humanities, Technology and Society, University of Modena and Reggio Emilia, Fondazione Collegio San Carlo and Almo Collegio Borromeo.

Since November 2021: Member of the Teaching Committee and of the Quality Insurance (AQ) commission for the Bachelor in Economics and Business, University of Venice “Ca Foscari”.

Since September 2020: Deputy delegate for teaching for the Department of Economics, University of Venice “Ca Foscari”.

From December 2018 to July 2020: Second Year Coordinator for the Undergraduate Programs of the Department at UCL.

From August 2018 to July 2020: Deputy admission tutor for MSc Financial Risk Management at UCL (980 applications, 38 selected per academic year).

Since November 2015: Member of the Steering committee (and founding member) of the REBEL: Reggio Emilia Behavioural and Experimental Laboratory (UNIMORE).

September 2015-February 2016: Organizer of the Economics Seminar series of the Department of Economics “Marco Biagi”.

October 2015: *Excellence Laboratory on Financial Regulation (Labex-ReFi)*: Member of the committee for the selection of new post-docs members for the research Axe: “Financial System Dynamics and Regulation”.

October 2012-December 2015: *RECENS-Hungarian Academy of Sciences*: Member of the committee for the selection of new post-docs, organization of the reading group, co-organization of the seminar series of the research unit, grants drafting.

July 2005-August 2007: Scientific and administrative responsibility for the partner Mediacontech S.p.a. for its participation in the European Research Project CETRA (Complexity Education For Trainers).

October 2005-July 2006: Organizational and administrative support in the European Project ISCOM (Information Society as a Complex System), with responsibility for the redaction of financial documents, final reports and for the organization of Meetings.

Scholarships and Prizes

2025: Institutional quality, citizen oversight and exit in public good games with corruption: experimental insights, Funder: University of Modena and Reggio Emilia - Departmental FAR projects (PI: Barbara Luppi). Role: **Co-Investigator**. Activity Period: September 2025- January 2027. Grant Value: 12000 euros.

2025: Nonlinear and uncertainty effects of macroeconomic policies, Funder: University of Modena and Reggio Emilia - Departmental FAR projects (PI: Mario Forni). Activity Period: September 2025- January 2027. Grant Value: 12000 euros. Role: **Co-Investigator**

2024: CO-OPTION: Human cooperation for the sustainable management of public goods under institutional punishment and corruption, Funder: University of Modena and Reggio Emilia - Inter-departmental FAR projects (PI: Stefano Mariani). Activity Period: 12/2024-12/2026. Grant Value: 80000 euro. Role: **Co-Investigator**

2024: Manufacturing companies and the challenge of sustainable innovation in the Emilia Region, Funder: University of Modena and Reggio Emilia - Departmental FAR projects (PI: Federica Rossi). Activity Period: 09/2024-09/2025. Grant Value: 8000 euro. Role: **Co-Investigator**

2024: Ricerca e innovazione nel PNRR. Nuovi intermediari dell’innovazione e nuovi modelli di partenariato? Analisi multilayer degli agenti e degli ambiti di investimento, Funder: University of Modena and Reggio Emilia - Departmental FAR projects . Activity Period: 09/2024-09/2025. Grant Value: 8000 euro. Role: **Principal Investigator**

2022: At the frontier of agent-based modelling: a new data driven framework for policy design toward sustainable and resilient economies, Funder: Progetti di Ricerca di Rilevante Interesse Nazionale - PRIN 2020 (PI: Luca Riccetti, UNIMC). Activity Period: 04/2022-04/2025. (Local) Grant value: 83000 euro. Role: **Co-Investigator**

2020: Startup Project, Funded by: University of Venice, Grant Value: 9000 euro, Activity Period: 09/2020-09/2022.

2019: Decentralized Platform Economics: Optimal Incentives and Structure Funded by: Center for Blockchain Technologies, Grant value: ~29000 pounds, Activity Period: 07/2019-01/2020. Role: **Principal Investigator**.

2019: Digital transformation in the automotive supply chain in Mexico, Funded by: Programa de Apoyo a Proyectos de Investigación e Innovación Tecnológica (Universidad Nacional Autónoma de México), Activity period: 01/2020-01/2023. Grant: 780.000 Mexican Pesos (39000 USD), Role: **Co-Investigator**.

2019: Incentives and Governance Model for Decentralized Exchanges Operating in the Crypto-Asset Ecosystem (PI: Giacomo Livan, UCL), Funded by: Center for Blockchain Technologies, Grant value: ~29000 pounds, Activity Period: 07/2019-01/2020. Role: **Co-Investigator**

2019: Digital Toolbox to assess and visualize development practices in open-source distributed ledger platforms (PI: Fabio Caccioli), Funded by: Center for Blockchain Technologies, Grant value: ~29000 pounds, Activity Period: 07/2019-01/2020. Role: **Co-Investigator**

2019: Data driven methodologies to study social capital and its role for economic growth, Funded by: Università di Modena e Reggio Emilia (FAR), Grant value: circa 80000 euro, Activity Period: 09/2019-09/2021. Role: **External Collaborator**

2017: Information and education to sustainability, Funded by: Emilia Romagna Region (Italy), Grant value: 35000 euro, Role: **Academic Co-Investigator**

2015: Gossip, Reputation, and Cooperation: Building Blocks of Social Order, Funded by: OTKA (Hungary), Grant Value: 28.000.000 HUF (~ 100.000 Euro), Activity Period: 2015-2018. [An extended and revised version of this project won a **ERC-Consolidator Grant 2015** grant of 1.78 Million Euros, both projects are lead by Karoly Takacs].

2013: International Mobility Fund Grant from the Hungarian Academy of Sciences (Hungary), 277.500 Hungarian Fiorints.

2013: International Publication Fund Grant from the Hungarian Academy of Sciences (Hungary), 110.000 Hungarian Fiorints.

2013-2014: Grant from ESCP-Europe (Paris) for the scientific project: *Effects of localized social and cognitive interactions under alternative financial regulation regimes on Financial Market Prices Dynamics*, 7000 Euro for 2013, renewed with 5000 Euros for 2014.

2012: Best student paper at the European Social Simulation Association Conference 2012 (Salzburg, Austria) for the paper “Behavioral Biases and Informational Inefficiency in an Agent-Based Financial Market”.

2009-2012: PAI (Pôles d’attraction interuniversitaire) scholarship.

2007-2009: FSR (Fonds spécial de recherche - Special research funds) scholarship.

Journal Publications

- Russo M., Alboni F., Righi S., Becker T. (2026), **Beyond Patent Counts: Cross-Country Evidence on Innovation Quality and Collaboration in New Energy Vehicles**, *International Journal of Automotive Technology and Management*, Accepted.
- Samu F., Piras S., Righi S., Setti M., Takacs K. (2025), **Cooperation is not rewarded by friendship, but generous and selfish students repel each other in social networks**, *PLoS ONE*, 20(6): e0326564 (DOI: 10.1371/journal.pone.0326564)
- Li M., Livan G., Righi S. (2025), **Quantifying the dynamics of peak innovation in scientific careers**, *Scientific Reports*, 15, 10812 (DOI: 10.1038/s41598-025-95264-8)
- Li M., Livan G., Righi S. (2024), **Breaking down the relationship between disruption scores and citation counts**, *PLoS ONE*, 19 (12): e0313268 (DOI: 10.1371/journal.pone.0313268)
- Righi R., Pedrazzoli A., Righi S., Venturelli V (2024) **The clientele effects in equity crowdfunding: a complex network analysis**, *Journal of Behavioral and Experimental Finance*, Volume 42, June 2024, 100907 (DOI: 10.1016/j.jbef.2024.100907)
- Giardini F., Pancotto F., Righi S. (2024), **Understanding post disaster prosociality: Comparing post earthquake cooperation and fairness in two Italian regions**, *International Journal of Disaster Risk Reduction*, Volume 106, May 2024, 104165 (DOI: 10.1016/j.ijdrr.2023.104165).
- Russo M., Alboni F., Sanginés J.C., De Domenico M., Mangioni G., Righi S., Simonazzi A. (2023), **Regionalisation and cross-region integration. Twin dynamics in the automotive international trade networks**, *Structural Change and Economic Dynamics*, Volume 67, December 2023, Pages 98–114 (DOI: 10.1016/j.strueco.2023.07.006).
- Pancotto F., Righi S., Takacs K. (2023) **Voluntary play increases cooperation in the presence of punishment: A lab in the field experiment**, *Theory and Decision* (DOI: 10.1007/s11238-023-09929-9).

- Piras S, Righi S, Giordano C, Banchelli F, Setti M, (2023) **Food waste between environmental education, peers, and family influence. Insights from primary school students in Northern Italy**, *Journal of Cleaner Production*, Volume 383, 10 January 2023, 135461 (DOI: 10.1016/j.jclepro.2022.135461)
- Podder S, Righi S, (2023) **Complexity of behavioural strategies and cooperation in the Optional Public Goods Game**, *Dynamic Games and Applications* (DOI: 10.1007/s13235-022-00485-5).
- Caccioli F, Di Matteo T, Iori G, Jafarey S, Livan G, Righi S, (2022) **Introduction to the special issue on the 24th annual Workshop on Economic science with Heterogeneous Interacting Agents, London, 2019 (WEHIA 2019)**, *Journal of Economic Interactions and Coordination* (Editorial) (DOI: <https://doi.org/10.1007/s11403-022-00354-9>)
- Righi S., Takacs K. (2022), **Gossip: Perspective Taking to Establish Cooperation**, *Dynamic Games and Applications*, 12: 1086–1100 (DOI: 10.1007/s13235-022-00440-4).
- Piras S., Righi S., Setti M., Koseoglu N., Grainger M.J., Stewart G.B., Vittuari M. (2022), **From social interactions to private environmental behaviours: The case of consumer food waste**, *Resources, Conservation & Recycling*, Volume 176, January 2022, 105952 (DOI: 10.1016/j.resconrec.2021.105952).
- Podder S, Pancotto F, Righi S, (2021) **Reputation and punishment stabilize cooperation in the Optional Public Good**, *Philosophical transactions of the Royal Society B: Biological Sciences*, Volume 376, Issue 1838 (DOI:10.1098/rstb.2020.0293).
- Podder S, Righi S, Takacs K, (2021) **Local Reputation, Local Selection, and the Leading Eight Norms**, *Scientific Reports*, Scientific Reports 11, 16560 (DOI: 10.1038/s41598-021-95130-3).
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