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Personal data

Date and place of birth: December 17th, 1977 in Mesagne (BR), Italy.

Nationality: Italian

Academic qualifications

August 2007 - **Ph.D. in Economics**, Université Catholique de Louvain, Belgium.

June 2005 - **Ph.D. in Economics**, University of Bologna, Italy.

September 2003 - **Master of Arts in Economics**, Université Catholique de Louvain, Belgium.

December 2000 - **B.A. in Economics** cum laude, University of Pisa, Italy.

Employment

Associate Professor in Economics, University of Bologna, Italy, from September 2014.

Assistant Professor (Ricercatore a tempo indeterminato), University of Bologna, Italy, from September 2006 to August 2014.

Qualifications

National qualification (ASN - Abilitazione Scientifica Nazionale) in accordance with art. 16 of Law 240/2010 for the competition sector:

- 13/A1 - ECONOMIA POLITICA. Qualification valid from 26/07/2018 to 26/07/2029.

- 13/A2 - POLITICA ECONOMICA. Qualification valid from 20/08/2018 to 20/08/2029.

Research

Research profile

Citations: 203, h-index: 9 from Scopus.

Citations: 516, h-index: 12 from Google Scholar.

Published articles & book chapters

- 1 Price Signaling with Salient-thinking Consumers, joint with Elias Carroni and Andrea Mantovani, **Games and Economic Behavior**, 138: 238-253, 2023.
- 2 The Long-run Investment Effect of Taxation in OECD Countries, joint with Jakob B. Madsen and Francesco Venturini, **Economica**, 90(358): 584-611, 2023.
- 3 Wealth Inequality in the Long Run: A Schumpeterian Growth Perspective, joint with Jakob B. Madsen and Francesco Venturini. **The Economic Journal**, 131(633), 476–497, 2021.
- 4 Multinationalization and the Scope of Innovation, joint with Sasan Bakhtiari and Alireza Naghavi. **Industrial and Corporate Change**, 28(5): 1057-1077, 2019.
- 5 Assessing Piketty's Second Law of Capitalism, joint with Jakob B. Madsen and Francesco Venturini. **Oxford Economic Papers**, 70(1): 1-21, 2018 (lead article).
- 6 Offshoring, Product Scope, and Firm Performance, joint with Alireza Naghavi and Sasan Bakhtiari in **Developments in Global Sourcing**, Chapter 7, Ed. Wilhelm Kohler and Erdal Yalcin, MIT Press, 2018.
- 7 R&D Policy, Productivity Growth and Distance to Frontier, joint with Francesco Venturini. **Economics Letters**, 156: 92-94, 2017.
- 8 The Long-run Growth Effects of R&D Policy, joint with Francesco Venturini. **Research Policy**, 46(1): 316-326, 2017.
- 9 Quality, Distance and Trade: A Strategic Approach, joint with Emanuele Bacchiega and Arsen Palestini. **Papers in Regional Science**, 95(1): 165-191, 2016.
- 10 Training and Product Quality in Unionized Oligopolies, joint with Emanuele Bacchiega. **Economica**, 82: 1261-1301, 2015.
- 11 Multi-product Firms and Business Cycle Dynamics, joint with Francesco Turino. **European Economic Review**, 57(0): 75-97, 2013.
- 12 A Schumpeterian Growth Model with Random Quality Improvements, joint with Carmelo P. Parello and Paul S. Segerstrom. **Economic Theory**, 52(2): 755-791, 2013.

- 13 Knowledge Appropriability, Firm Size, and Growth. **Journal of Macroeconomics**, 33(3): 438-454, 2011.
- 14 Trade Integration and Regional Disparity in a Model of Scale-invariant Growth, joint with Carmelo P. Parelo. **Regional Science and Urban Economics**, 41(1): 20-31, 2011.
- 15 Turning Piracy into Profits: a Theoretical Investigation, joint with Cecilia Vergari. **Information Economics and Policy**, 22(4): 379-390, 2010.
- 16 Product Market Competition, R&D Composition and Growth, **Economic Modelling**, 27(1): 417-421, 2010.
- 17 The Quality-Income Effect and the Selection of Location, joint with Emanuele Bacchiega. **Journal of Urban Economics**, 65(2): 209-215, 2009.
- 18 Growth, Inter-Industry and Intra-Industry Competition and Welfare. **The Japanese Economic Review**, 60(1): 110-132, 2009.
- 19 Competizione e Co-operazione nei distretti industriali; in **Capitalismo distrettuale, localismi d'impresa, globalizzazione**, Chapter 2, Part 1, Ed. G. Garofalo, Firenze University Press, 2007.
- 20 Multi-product Firms, R&D, and Growth. **The B.E. Journal of Macroeconomics**, 0(3): 4, 2006.
- 21 R&D and Welfare: The Role of Public Policy. **Scottish Journal of Political Economy**, 53(4): 447-460, 2006.
- 22 Product Market Competition and Leading-Edge Growth; in **Perspectives on Innovation and Invention**, Chapter 8, Ed. Patrick W. Barnes, New York, NY: Nova Science Publishers, 2006.
- 23 A note on Capolupo's 'Output Taxation, Human Capital and Growth'. **Manchester School**, 72(3): 414-421, 2004.

Working papers and current projects

- 24 Returns to Innovation and Income Inequality: A Centenary Perspective, joint with Jakob B. Madsen and Francesco Venturini, SSRN Working Papers 4071435, submitted.
- 25 Health Innovation, Longevity and Long-run Growth, joint with Michael Kuhn, Klaus Prettnner and Francesco Venturini, SSRN Working Papers 4491818, submitted.
- 26 Innovation and the World's Growth Process: Which Mechanism at Work?, joint with Guido Cozzi and Francesco Venturini, SSRN Working Papers 4182392, submitted.
- 27 Disruptive Innovations, Leadership Cycles and Growth, joint with Pietro Peretto, manuscript ready to be submitted.

- 28 Firm Informality and Innovation Incentives: A General Equilibrium Assessment, joint with Francesco Turino and Luis Franjo Garcia, work in progress.
- 29 Unslicing the Pie: AI Innovation and the Labor Share in European Regions, joint with Klaus Prettnner and Francesco Venturini, manuscript in preparation.
- 30 Technological Interdependence and Economic Growth: A Text Mining and Network Analysis Approach, joint with Andrea Fronzetti Colladon, Carmelo P. Parello and Francesco Venturini, work in progress.
- 31 R&D Policy and Schumpeterian Growth: Theory and Evidence, joint with Francesco Venturini, in: Quaderni - Working Paper DSE (945), DOI: 10.6092/unibo/amsacta/4021, ISSN: 2282-6483.

Management of editorial committees of journals

Managing Editor of the scientific journal “Review of Economics and Institutions”, Economia, Società e Istituzioni (from November 2008 to November 2021).

Coordination of national research centres/groups

GRINS “Growing Resilient, Inclusive and Sustainable” - **Local Coordinator** of the Bologna research unit focusing on “Innovation, Labor Market Dynamics and Inequalities” (Work Package 5.2). Scientific Coordinator: Professor Matteo Cervellati. Project funded by the PNRR.

PRIN 2015 - **Local Investigator** of the Bologna research unit. Title of the project: The Architecture of Markets and Institutions after the Crisis: Theoretical Foundations and Policy Implications. Project coordinator: Professor Fabrizio Mattesini, project duration: from February 2017 to February 2020.

Participation in national research centres/groups

- **Research Fellow** at the Centro Studi “Luca D’Agliano” in Milan, Italy, 2014-2017.
- **Senior Research Fellow** at Research Centre for Economic Analysis (RCEA), 2021-present.

Participation in international research centres/groups

Project AMIDEX-MEDITERRANEE - **Team Member**. Title of the project: Social, Demographic and Democratic Transitions in MENA Societies, Responsible of the project: professor Christophe Muller, GREQAM, Aix-Marseille University, duration of the project: 2014-2016.

Organization of scientific meetings

- **Member** of the scientific committee of the 5th Warsaw Money-Macro-Finance Conference, organized by the International Centre for Economic Analysis (ICEA) and University of Warsaw, Warsaw, September 21-22, 2023.
- **Organizing committee member** of the “International Workshop on Economic Growth and Macroeconomic Dynamics”, organised by Sapienza University of Rome and the International Network for Economic Research (INFER), Rome, September 15-16, 2022.
- **Organizer** of the “X Workshop on Institutions, Individual Behavior and Economic Outcomes”-Session on Economic Growth and Development, Alghero, June 20-21, 2019.
- **Organizing committee member** of the Workshop “Industrial Organization: Theory, Empirics and Experiments”, Alberobello, June 26-28, 2014.

National awards & recognitions

- Winner of the DSE teaching prize 2020 (**award** for excellence in teaching), University of Bologna.
- Ph.D. **scholarship** granted by the Italian Ministry of Education, University and Research, 2001-2003.
- Marco Polo **scholarship** for conducting research as a visiting scholar at the Institute of Economic and Social Research - IRES, Université Catholique de Louvain, Belgium, 2006-2007.

International awards & recognitions

Research grant awarded by the Belgian Government within the research program “Poles d’Attraction inter-universitaires”, PAI P5/21, initiated by the Belgian State, Prime Minister’s Office, Science Policy Programming, 2004-2006.

Refereeing activity

International Economic Review, Journal of Economic Geography, Games and Economic Behavior, Research Policy, Journal of Urban Economics, Journal of Money, Credit and Banking, Journal of Economic Theory, Economic Theory, Journal of Economic Behavior and Organization, Journal of Economics & Management Strategy, European Economic Review, Economica, The Scandinavian Journal of Economics, International Journal of Industrial Organization, Journal of Mathematical Economics, Regional Science and Urban Economics, Canadian Journal of Economics, Review of International Economics, Journal of Public Economic Theory, Macroeconomic Dynamics, Journal of Economic Dynamics and Control, Berkeley Electronic Journal in

Macroeconomics, Berkeley Electronic Journal of Theoretical Economics, Bulletin of Economic Research, Economic Modelling, Journal of Macroeconomics, Small Business Economics, Structural Change and Economic Dynamics, Economics Bulletin, Journal of Economics, Metroeconomica, Japanese Economic Review, Recherches Economiques de Louvain, Central European Journal of Economic Modelling and Econometrics, Decisions in Economics and Finance, Review of Network Economics, Economic Systems.

Participation as a speaker at conferences/seminars

Selected Conferences/Workshops: The Long-Run Dynamics in Economics Workshop, 2024, Grenoble; Asset Annual Meeting, 2023, Lisbon; Workshop "Macroeconomic Risks and Policies", 2023, Alicante; Asset Annual Meeting, 2022, Rethymno; AISSEC Conference, 2022, Pescara; Asset Annual Meeting, 2021, Marseille; Asset Annual Meeting, 2019, Athens; EARIE, 2019, Barcelona; X Workshop on Institutions, Individual Behavior and Economic Outcomes, 2019, Alghero; Asset Annual Meeting, 2018, Florence; The Lisbon Meetings in Game Theory and Applications, 2018, Lisbon; Asset Annual Meeting, 2016, Thessaloniki; VII Workshop on Institutions, Individual Behavior and Economic Outcomes, 2016, Alghero; Workshop "Organizzazione e Strategie Innovative d'Impresa in Economia Aperta", 2016, Forlì; Asset Annual Meeting, 2015, Granada; Workshop on Economic Growth and Macroeconomics, 2015, OFCE & SKEMA Business School; 5th AMSE Workshop on Growth and Development, 2015, Marseille; Asset Annual Meeting, 2014, Aix-en-Provence; IO Theory, Empirics and Experiments Workshop, 2014, Alberobello; Workshop on Trade and Innovation, 2014, Ferrara; Workshop on Economic Growth and Macroeconomics, 2014, OFCE & SKEMA Business School; Asset Annual Meeting, 2013, Bilbao; 5th ZEW/MaCCI Conference on the Economics of Innovation and Patenting, 2013, ZEW - Mannheim; Asset Annual Meeting, 2011, Évora; IO Theory, Empirics and Experiments Workshop, 2011, Otranto; IO Theory, Empirics and Experiments Workshop, 2009, Lecce; Innovation, Competitiveness and Growth, 2008, Zagabria; The Intertic Conference on Innovation and Competition in the New Economy, 2007, Università Bicocca Milano; Economic Policy, Growth and Business Cycle, 2005, Matagne-la-Petite. **Invited talks:** Vienna University of Economics and Business; Université Côte d'Azur; Nagoya University; University of Leicester; University of Pisa; Dipartimento di Scienze Economiche Aziendali e Statistiche - University of Milan; University of Alicante; University of Lecce.

Teaching activities

Courses

1. Macroeconomics (undergraduate course, 60 hrs per year), Instructor, University of Bologna, from the academic year 2006/2007 to present (approx. 280 students per year).
2. Industrial Economics (undergraduate course, 53 hrs per year), Instructor, University of Bologna, from the academic year 2014/2015 to present (approx. 170 students per year).

Tutoring activity

Teaching assistant - Advanced Macroeconomics (in English), Master of Arts in Economics, DEA (Diplome d'Etudes Approfondies) en Sciences Economiques, Université Catholique de Louvain, Belgium, academic year 2004/2005.

Supervision of Ph.D. students

- Supervision (with professor Stefano Bolatto) of Maria Tremuli, Ph.D. in Public Governance, Management e Policy, University of Bologna.
- Supervision of Oliviero Pallanch, Ph.D. in Economics, University of Bologna. Thesis topic/title: "Essays in Heterogeneity in Macroeconomics", public defense: February 4, 2024.
- Supervision (with professor Alfredo Minerva) of Marco Baudino, European Doctorate in Law & Economics - EDLE, University of Bologna. Thesis title: "Essays on Urbanization and Growth", public defense: November 30, 2017.

Supervision of postgraduate students

- Supervision of Edoardo Gamacchio, Laurea Magistralis in Economics - LMEC, University of Bologna. Thesis title: "The Implications of Financial Market Frictions in a Dynamic Context: A Macroeconomic Assessment".
- Supervision of Marc Reinhardt, Laurea Magistralis in Economics - LMEC, University of Bologna. Thesis title: "Political Equilibrium and Growth through Creative Destruction".
- Supervision of Cyril Lebrun, Laurea Magistralis in Economics - LMEC, University of Bologna. Thesis title: "The Effects of Regulations on Greenhouse Gas Emissions on Technological Innovation. A Case Study: the European Car Industry".

Supervision of undergraduate students

Since 2006, I have supervised a total of 188 undergraduate dissertations in the field of Macroeconomics (approx 85%) and Industrial Economics (approx 15%).

Institutional activities

Main activities at the University of Bologna

1. Member in “Giunta di Dipartimento”, University of Bologna, 2021-2024.
2. Member of the Ph.D. Board, Department of Economics, University of Bologna [collegio docenti del Dottorato], 2017-2022.
3. Member the Selection Committee, Ph.D. in Public Governance, Management e Policy, University of Bologna. Academic year 2023-2024.
4. Member the Selection Committee, Ph.D. in Economics, University of Bologna. Academic year 2021-2022.
5. Member of the Ph.D. Committee, Ph.D. in Economics, University of Bologna. Academic years 2018-2019 and 2022-2023.
6. Member of the Teaching Contracts Committee, School of Economics, Management, and Statistics, University of Bologna, 2017-present.
7. Erasmus Coordinator for the University of Bologna, Exchange Programs with Universitat Pompeu Fabra, Universidade Nova de Lisboa, Catholic University of Portugal, Budapest Business School.
8. Member of the Committee for a position of Assistant Professor of Economics (RTD-B) at the Department of Economics, University of Bologna, Academic year 2018-2019 (November 2018).
9. Member in “Giunta di Dipartimento”, University of Bologna, 2012-2015.
10. Co-organizer of Department Seminars, University of Bologna, 2015-2018.
11. Member of the Scientific Committee of the Library “Walter Bigiavi”, Bologna.

Activities carried out for other institutions

1. Member of the Committee for a position of Assistant Professor of Economics (RTD-B) at the Department of Economics and Management, University of Pisa, March 2022.
2. Member of the Committee for a position of Assistant Professor of Economics (RTD-A) at Sapienza, University of Rome, May 2021.
3. Member of the Ph.D. committee, Ph.D. in Law and Economics of Production Systems, University of Sassari. Academic year 2013-2014.
4. Member of the Ph.D. committee, Ph.D. in Economics, University of Genova. Academic year 2014-2015.

5. Member of the Ph.D. committee, Ph.D. in Economics, University of Perugia. Academic year 2016-2017.
6. Invited member of the Ph.D. committee for the evaluation of Alexandre Simons (Ph.D. in Economics, Université Catholique de Louvain, Louvain-la-Neuve, Belgium). Supervisor: professor Raouf Boucekkine. Academic year 2012-2013.
7. Invited member of the Ph.D. committee for the evaluation of Arun Kaushik (European Doctorate in Law & Economics, EDLE, Erasmus University Rotterdam, Netherlands). Supervisor: professor Luigi Franzoni. Academic year 2014-2015.
8. Invited member of the Ph.D. committee for the evaluation of Etleva Gjonca (European Doctorate in Law & Economics, EDLE, Erasmus University Rotterdam, Netherlands). Supervisors: professor R.J. Van den Bergh and professor Elena Argentesi. Academic year 2016-2017.
9. Invited member of the Ph.D. committee for the evaluation of Bright Isaac Ikhenaoe (Ph.D. in Economics, University of Rome, La Sapienza). Supervisor: professor Carmelo P. Parello. Academic year 2018-2019.
10. Evaluator of PRIN research projects for the Italian Ministry of University and Research in 2021.
11. Evaluator of PRIN research projects for the Italian Ministry of University and Research in 2018.
12. Evaluator of FIRB research projects for the Italian Ministry of University and Research in 2012 and 2013.

March 15, 2024