

Giorgio Ricchiuti

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Current - Past Positions

2016-present	Associate Professor in Political Economy, DISEI, Università di Firenze (habilitation as Full Professor in Political Economy and Applied Economics)
2016-present	Fellow of the Complexity Lab in Economics (CLE), Department of Economics and Finance, Università Cattolica del Sacro Cuore, Milano
2009-2016	Tenured Researcher, DISEI, Università di Firenze
2008-2009	Research Fellow, Dipartimento Scienze Economiche (DSE), Università di Firenze
2006-2008	Post-Doctoral Fellowship for the project 'International fragmentation of production of Italian firms: new organizational models and the role of information technologies'. DSE, Università di Firenze

Areas of Interest

Computational Economics; International Macroeconomics; Models with Bounded Rationality, Non-Linearity and Heterogeneous Agents; Applied Econometrics

Grants

2022	Principal Investigator: 'Global value chains and exports: between growth, development and local resilience' – financed by Foundation CRPT, €63,000.00
2022	Principal Investigator: 'Survival and Resilience' – financed by Foundation CRPT, €25,000.00

Publications in english

1. Clò S., Marvasi E., Ricchiuti G. (2023), State-owned Enterprises in the global market: Varieties of government control and internationalization strategies', **Structural Change and Economic Dynamics**, Volume 64, March 2023, Pages 25-40
2. Bargigli L., Ricchiuti G., (2022), Networks, Heterogeneity and Evolution in Economics: A short Review, **Advances in Complex System** vol. 25 n.2
3. Colucci D., Doni N., Ricchiuti G., Valori V. (2022), 'Market dynamics with a state-owned dominant firm and a competitive fringe', **Chaos Solitons and Fractals**, vol. 161, pp. 1-11,
4. De Masi G. and Ricchiuti G. (2020), 'From FDI Network Topology to Macroeconomic Instability', **Journal of Economic Interaction and Coordination**, Volume 15, Issue 1, pages 133 - 158

5. Giovannetti G., Marvasi E. and Ricchiuti G., (2019) ‘Does the Same FDI Fit All? How Competition and Affiliates Characteristics Affect Parents’ Productivity’, **Italian Economic Journal**, vol. 5(3), pages 369-402, October.
6. De Masi G., Ricchiuti G., (2018) ‘The network of European outward foreign direct investments’, in Smith M., Amighini A., Gorgoni S. *‘Networks of International Trade and Investment’*, March 2018, ed. Vernon Press
7. Gori M. and Ricchiuti G., (2018) ‘A Dynamic Exchange Rate Model with Heterogenous Agents’, **Journal of Evolutionary Economics**, Volume 28, Issue 2, pp 399 - 415
8. Bertoni E. and Ricchiuti G., (2017) ‘A Multilevel Analysis of the Unemployment in Egypt’, **LABOUR: Review of Labour Economics and Industrial Relations**, Volume 31, Issue 4 December 2017 Pages 494 - 514
9. Giovannetti G., Ricchiuti G. and Velucchi M.,(2017) ‘Size & Technology: *The Odd Couple* for Affiliates Survival’, **Structural Change and Economic Dynamics**, Volume 40, March 2017, Pages 64 - 71
10. Carraro A. and Ricchiuti G. (2015), ‘Heterogeneous Fundamentalists and Market Maker Inventories’, **Chaos Solitons and Fractals**, Volume 79, October 2015, Pages 73–82
11. Naimzada A. and Ricchiuti G., (2014) ‘Complexity with Heterogeneous Fundamentalists and a Multiplicative Price Mechanism’, **Economic Notes**, 43: 233-247
12. Giovannetti G., Ricchiuti G. and Velucchi M., (2013) ‘Heterogeneity in Managerial Strategies and Internationalization of Firms: the Case of Italy’, **Economia e Politica Industriale**, vol. 2
13. Doni N. and Ricchiuti G. (2013), ‘Market Equilibrium in the Presence of Green Consumers and Responsible Firms: a Comparative Statics Analysis’, **Resource and Energy Economics**, vol. 35, pp. 380-395
14. Giovannetti G., Ricchiuti G. and Velucchi M. (2013) ‘Location, Internationalization and Performance of Firms in Italy: a Multilevel Approach’, **Applied Economics**, Volume 45, Issue 18
15. De Masi G., Giovannetti G. and Ricchiuti G. (2013) ‘Network Analysis to Detect Common Strategies in the Italian Foreign Direct Investment’, **Physica A: Statistical Mechanics and its Applications**, Volume 392, Issue 5, 1 March 2013, Pages 1202 - 1214
16. Naimzada A. and Ricchiuti G. (2012) ‘Studying Heterogeneity among Fundamentalists in Financial Markets: A Note’, **Applied Mathematics and Computation**, Volume 219, Issue 3, 15 October 2012, Pages 792 - 799
17. Naimzada A. and Ricchiuti G. (2012) ‘A Note on Biased Fundamentalists’, **Chaos Solitons and Fractals**, Volume 45, Issue 3, March 2012, Pages 224 - 228
18. Giovannetti G., Ricchiuti G. and Velucchi M. (2011) ‘Size, Innovation and Internationalization: A Survival Analysis of Italian Firms’, **Applied Economics**, Volume 43, Issue 12, Pages 1511 - 1520
19. Naimzada A. and Ricchiuti G. (2011) ‘Monopoly with Local Knowledge of Demand Function’, **Economic Modelling**, Volume 28, Issues 1-2, January-March 2011, Pages 299-307
20. Bertoli S., Gallo G.M. and Ricchiuti G. (2010) ‘Exchange Market Pressure: Some Caveats in Empirical Applications’, **Applied Economics**, Volume 42, Issue 19, August 2010, Pages 2435 - 2448

21. Naimzada A. and Ricchiuti G. (2009) ‘Dynamic Effects of Increasing Heterogeneity in Financial Markets’, **Chaos Solitons and Fractals**, Volume 41, Issue 4, August 2009, Pages 1764-1772
22. Naimzada A. and Ricchiuti G. (2008) ‘Complex dynamics in a monopoly with a rule of thumb’, **Applied Mathematics and Computation**, Volume 203, Issue 2, September 2008, Pages 921-925
23. Naimzada A. and Ricchiuti G. (2008) ‘Heterogeneous Fundamentalists and Imitative Processes’, **Applied Mathematics and Computation**, Volume 199, Issue 1, May 2008, Pages 171-180
24. Bonassi C., Giovannetti G. and Ricchiuti G. (2006) ‘The Effects of the New Patterns of FDI on Growth and Inequality’, in G.A. Cornia (ed), *Pro-poor Macroeconomics*, ed. Palgrave
25. Giovannetti G. and Ricchiuti G. (2006) ‘The Effects of the New Patterns of FDI on Growth and Inequality: the case of Southern Mediterranean Countries’, in El Sheikh M.S. and Giovannetti G. (2006), *Economic Cooperation among the countries in the Mediterranean area (II)*, Florence University Press

Editorial Activity

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|------|---|
| 2023 | Guest Editor for the Special Issue: ‘The future of global value chains and international trade: an EU perspective’ in Italian Economic Journal (Springer) |
| 2022 | Guest Editor for the Special Issue: ‘Heterogeneity, Evolution and Networks In Economics’ in the Advances in Complex System (World Scientific Publishing) |

Books (in Italian)

1. Nerozzi S., Ricchiuti G. (2020), ‘Pensare la Macroeconomia’, ed. Pearson Italia
2. Guzzi C., Mantione R.P., Ricchiuti G. (2019), ‘Costituzione al futuro’, ed. Pearson Italia

Publications in Italian

1. Nerozzi S. and Ricchiuti G. (2022), ‘L’economia europea ai tempi della crisi Ucraina. Inflazione, politica monetaria e transizione ecologica’, **Etica e Economia Menabò** 168/2022
2. Nerozzi S. and Ricchiuti G. (2021), ‘Inflazione alle porte? Gli scenari per l’Europa e per il nostro paese’, **Etica e Economia Menabò** 151/2021
3. Scorca L. and Ricchiuti G. (2021), ‘PNRR/Recovery Fund: la specializzazione produttiva e l’Italia di domani’, **Etica e Economia Menabò** 150/2021
4. Nerozzi S. and Ricchiuti G. (2020), ‘Oltre il velo del populismo. Globalizzazione, crisi economica e welfare state’, in Danani C. (ed.), *Democrazia e verità. Tra degenerazione e rigenerazione* ed. Morcelliana
5. Assenza T., Nerozzi S. and Ricchiuti G. (2020), ‘E se avessimo bisogno di @Euro?’, **Etica e Economia Menabò** 124/2020
6. Nerozzi S. and Ricchiuti G. (2019), ‘Il segreto della Federal Reserve’, **Aspenia** n. 87 pp. 262-271
7. Ricchiuti G. (2018), ‘Tecnologia e mercato del lavoro: le nuove sfide per l’istruzione’ in Tino C. e Frison D. *Employability skills. Riflessioni e strategie per la scuola secondaria*, ed. Pearson Italia

8. Nerozzi S., Pititone V., and Ricchiuti G. (2016) ‘Corruzione, Istituzioni e Sviluppo Economico’ in Alibrandi G. and Cortesi A. *Nel Tempo della Corruzione Globale*, Nerbini ed.
9. Ricchiuti G. (2015), ‘L’Unione (Monetaria) Europea a un bivio’, **Rivista dell’Associazione Incontri** - a. VII, n. 14, luglio-dicembre
10. Nerozzi S., Ricchiuti G. (2015), (a cura di) *Economia come Teoria dell Scelta*, Nerbini ed.
11. Nerozzi S., Ricchiuti G. (2014) ‘Flessibilità, Occupazione e produttività: che cosa non ha funzionato’ in Cortesi A. and Paci G. *Alla ricerca del lavoro perduto*, ed. Nerbini
12. Nerozzi S., Pipitone V. and Ricchiuti G. (2014) ‘Capitale sociale e produttività nelle province italiane: un approccio multilivello’, in Asso P.F. and Pavolini E., *Collaborare per crescere. Imprese, istituzioni e capitale sociale*, ed. Donzelli
13. Colesanti Senni C. and Ricchiuti G. (2014) ‘Sulle possibili strategie di uscita dalla crisi’, **Jura Gentium Rivista di filosofia del diritto internazionale e della politica globale**, vol X 2013:2
14. Giunta R., Manzo C. and Ricchiuti G. (2013) ‘Alcune storie di successo delle imprese siciliane all’estero’, in Asso P.F. and Trigilia C., *Dall’isola al mondo. L’internazionalizzazione leggera in Sicilia*, ed. Donzelli
15. Giovannetti G. and Ricchiuti G. (2013) ‘Gli IDE come strategia di sopravvivenza e crescita’, in Asso P.F. and Trigilia C., *Dall’isola al mondo. L’internazionalizzazione leggera in Sicilia*, ed. Donzelli
16. Ricchiuti G. (2013), ‘Dell’inadeguatezza della teoria economica dominante e della sua difficile rifondazione’, **Jura Gentium Rivista di filosofia del diritto internazionale e della politica globale**, note
17. Nerozzi S. and Ricchiuti G. (2011) ‘I paradossi della crisi finanziaria e l’instabilità del capitalismo. Oltre il mainstream neoclassico’, **Jura Gentium Rivista di filosofia del diritto internazionale e della politica globale**, vol. VIII 2011:2
18. Ricchiuti G. (2009) ‘Integrazione dei Mercati Valutari, Grandi Giocatori e Vulnerabilità dei Paesi Emergenti’, in Ricchiuti G., *Nord-Sud: Un gioco di Prospettiva*, **Il Ponte**, Anno LXV, n.7.8, July-August 2009
19. De Masi G., Giovannetti G. and Ricchiuti G. (2009) ‘Strategie di internazionalizzazione di alcuni settori dell’economia italiana: un’analisi network’, Rapporto ICE 2008-2009, ICE (Italian Trade Commission), Roma
20. Ricchiuti G., (2009) ‘Costi e Benefici del Commercio Internazionale’ in Gregory T. (ed.) ‘XXI Secolo: il Mondo e la Storia’, ed. Treccani, Roma
21. Giovannetti G., Ricchiuti G. and Velucchi M. (2008) ‘In che misura le imprese esportatrici sfruttano i vantaggi di localizzazione? Un’analisi multilivello per l’Italia’, Rapporto ICE 2007-2008, ICE (Italian Trade Commission), Roma
22. Giovannetti G., Ricchiuti G. and Velucchi M. (2007) ‘Effetti della Imprenditorialità e della Internazionalizzazione sulla performance di impresa in Italia’, Rapporto ICE 2006-2007, ICE (Italian Trade Commission), Roma
23. Giovannetti G., Ricchiuti G. and Velucchi M. (2007) ‘Dimensione, Innovazione e Internazionalizzazione: Un’Analisi di Sopravvivenza delle Imprese Italiane’, Rapporto ICE 2006-2007 (Italian Trade Commission), Roma
24. Ricchiuti G. (2004) ‘Fear of Floating’, PhD Thesis, Università di Firenze

Books' Editing (in Italian)

1. Macchi M., and Ricchiuti G. (2020), editors of the **second** Italian Edition of Acemoglu, Laibson, List 'Principi di Economia Politica', Pearson ed.
2. Macchi M., and Ricchiuti G. (2016), editors of the **first** Italian Edition of Acemoglu, Laibson, List 'Principi di Economia Politica', Pearson ed.
3. Nerozzi S., and Ricchiuti G. (2015), *Economia come Teoria della Scelta*, Nerbini ed.
4. Ricchiuti G., (2009), *Nord-Sud: Un gioco di Prospettiva*, Il Ponte, Anno LXV, n.7.8

Working Papers (unpublished)

1. Grugni E., Ricchiuti G. (2023), 'Behind International Trade Network: The Role of Heterogeneity and Financial Frictions', mimeo Università di Firenze
2. Delli Gatti D., Ferraresi T., Gusella F., Popoyanc L., Ricchiuti G., Roventini A., (2023) 'The interplay between real and exchange rate market: an agent-based model approach', mimeo Università di Firenze
3. Giovannini E., Pinna L., Ricchiuti G. (2023), 'Interacting Cobweb Markets through the Demand Side', mimeo Università di Firenze
4. Galanis G., Ricchiuti G., Tippet B. (2022), 'The Global Political Economy of a Green Transition' Working Papers - WP22/2022, Università di Firenze
5. Gusella F, Ricchiuti G. (2022), 'A State-Space Approach for Time-Series Prediction of an Heterogeneous Agent Model' WP20/2022, Università di Firenze
6. Filistrucchi L., Ricchiuti G., Sarycev A. (2022) 'A two-sided monopolist when demand is unknown', mimeo Università di Firenze
7. Gusella F, Ricchiuti G. (2021), 'State Space Model to Detect Cycles in Heterogeneous Agents Models' WP10/2021, Università di Firenze
8. Antonietti R., De Masi G., Ricchiuti G. (2020), 'Linking FDI Network Topology with the Covid-19 Pandemic', WP18/2020 DISEI Università di Firenze (under review)
9. Assenza T., Delli Gatti D., Grazzini J, Ricchiuti G. (2016) 'Heterogenous Firms and International Trade: The role of productivity and financial fragility', CESifo Working Paper Series 5959, CESifo Group Munich

Education

2004	PhD in Development Economics, Università di Firenze. Title of the Thesis: 'Fear of Floating'
2000	Degree (Laurea) in Economics, Università 'L. Bocconi' (Milano, Italy)

Other Courses Attended and Visiting

2023	Visiting at Queen Mary University of London
2008 & 2017	Visiting at CENDEF (Center for Nonlinear Dynamics in Economics and Finance), University of Amsterdam
2017	Visiting at Sciences Po -University of Sophia Antipolis, Nice
2015	Agent-Based Economic Modelling, First Milano-Ancona Summer School - Politecnico delle Marche, Ancona (Italy)
2008	Course attended: Complex Network, Instructor: F. Vega Redondo - European University Institute, Firenze (Italy))
2007	Eighth Trento Summer School, 'Intensive course in Agent-Based Finance', Università di Trento. Instructors: Cars Hommes (University of Amsterdam) and Thomas Lux (University of Kiel)
2002/2003	Visiting Ph.D Student at the Economics Department, University of Sussex, Brighton (UK)

Teaching experience: Instructor - PhD & Master Level

2021 - present	'Advanced Macroeconomics', Master in Economics, Università Cattolica del Sacro Cuore, Milano
2018 - present	'Computational Economics', Masters in Economics and Development and Finance and risk management, Università di Firenze
2019, 2021, 2022	'Computational Macroeconomics I', Topic Course for PhD programme in Economics (Tuscany), Università di Firenze
2018	'Lab in Quantitative Finance', Master in Finance, Università di Firenze
2015, 2018	'Heterogenous Firms and International Trade', Topic Course for PhD programme in Economics (Tuscany), Università di Firenze
2015, 2016	'Learning the Demand Function', Topic Course for PhD programme in Economics (Tuscany), Università di Firenze
2010,2013-2014	'Crash Courses of Macro and Micro', PhD programme in Development Economics , Università di Firenze
2012	'Dynamics in Economics', PhD programme in Development Economics, Università di Firenze

Teaching Experience: Instructor - Undergraduate Level

2022 - present	'Political Economy', Università Cattolica del Sacro Cuore, Milano
2019 - present	'Computational Economics Lab', Università di Firenze, School of Economics
2010 - present	'Macroeconomics', Università di Firenze, School of Economics
2018-2021	'Economic Principles I', Università di Firenze, School of Carabinieri
2011-2020	'Economic Principles I' (Macroeconomics) now 'Introduction to Macroeconomics', New York University in Florence (Italy)
2010-2019	'International Economics', Università di Firenze, School of Economics
2015-2017	'Economic Principles I', Università di Firenze, School of Law
2007-2010	'Economic Principles I' (Macroeconomics) now 'Introduction to Macroeconomics', New York University in Florence (Italy)
2005-2008	'Political Economy, Globalization and Conflicts', Università di Firenze
2005-2007	'Principles of Economics' (Macro and Microeconomics), Università di Firenze
2006	'Financial Crisis module' within the undergraduate Applied Economics class held by Prof. Giampiero M. Gallo, Università di Firenze
2006	'Microeconomics', Franklin College, Lugano (Switzerland)

Presentations at Conferences and Workshops

October 2022: Italian Economic Society, Turin; September 2022, MDEF2022, University of Urbino; June 2022, 4th Behavioral Macroeconomics Workshop (Bamberg, Germany); October 2021, Italian Economic Society (online); June 2021, Computing in Economics and Finance (online); June 2021, WEHIA, Catholic University Milan (online); June 2019, WEHIA, City University of London; October 2018: Italian Economic Society, Bologna; June 2018: Computing in Economics and Finance, Catholic University Milan, Italy; June 2018: Regional Studies Association, Università Svizzera Italiana, (Switzerland); September 2017: 12th ISGEP Workshop, University of Reading, UK; September 2017: Finance and Economic Growth in the Aftermath of the Crisis, Università Statale di Milano; September 2017: ETSG2017, European University Institute, Firenze (Italy); June 2017: Computing in Economics and Finance, Fordham University, New York; June 2017: WEHIA, Catholic University in Milan; April 2017: Complex Evolving System Approach in Economics, University Sophia Antipolis, Nice (France); October 2016: ITSG, IMT Lucca; October 2016: Italian Economic Society, Bocconi University; June 2016: Computing in Economics and Finance, University of Bordeaux - August 2015: ERSA2015, Lisbon (Portugal) - October 2014: Italian Economic Society, Università di Trento - September 2014: MDEF2014, Università di Urbino - September 2014: ETSG2014, University of Munich - June 2014: Computing in Economics and Finance, BI Norwegian Business School, Oslo - February 2014: Teorie Matematiche della Crisi, Università Milano Bicocca - December 2013: Deterministic and Stochastic Dynamics in Economics and Finance, Scuola Normale di Pisa - September 2013: AISRE, University of Palermo - May 2013: Regional Studies Association, University of Tampere, Finland - February 2012: ITSG University of Rome, La Sapienza - October 2011: Italian Economic Society, Università Roma Tre - September 2011: ETSG, Copenhagen Business School - September 2010: MDEF2010 - Sixth Workshop 'Modelli Dinamici in Economia e Finanza' Università di Urbino - September 2009: European Trade Study Group, Università Tor Vergata, Roma - February 2009: Innovation, Internationalization and Global Labor Markets, Centro Studi L. d'Agliano, Torino - September 2008: MDEF2008 -Fifth Workshop 'Modelli Dinamici in Economia e Finanza' - Università di Urbino - May 2008: Improving the functionality of Markets: Micro and Macro Scenarios - Univer-

sità di Lecce - November 2007: Complexity in Economics and Finance - University of Amsterdam - September 2007: Econophysics: Colloquium and Beyond - Politecnico delle Marche, Ancona - September 2007: Il nuovo negoziato multilaterale dell'Organizzazione Mondiale del Commercio: gli scenari di liberalizzazione e le implicazioni per l'economia italiana - Università Tor Vergata, Roma - June 2019, Wehla, City University of London; October 2018: Italian Economic Society, Bologna; June 2018: Computing in Economics and Finance, Catholic University Milan, Italy; June 2018: Regional Studies Association, Università Svizzera Italiana, (Switzerland); September 2007: 10th International Conference EUNIP 2007 - Università di Firenze - June 2007: Policies for Happiness - Certosa di Pontignano, Università di Siena - September 2006: First International Workshop 'The International Firm: Patterns and Modes', Capitalia, Roma - September 2005: 3rd PhD Conference in Economics 'Research in Economics: The Importance of Methodology in Social Science', Università di Torino - November 2003: 'FDI and Outsourcing' - Università di Firenze

Refereeing Activity

Advance Complex System, Applied Economics, Applied Mathematics and Computation, Baltic Journal of Management, Communications in Nonlinear Science and Numerical Simulation, Decisions in Economics and Finance, Dynamic Games and Applications, Discrete Dynamics in Nature and Society, Economic Notes, European Journal of Comparative Economics, History of Economic Thought and Policy, Information Economics and Policy, International Review of Economics & Finance, Italian Economic Journal, The Journal of International Trade & Economic Development, Journal of Economic Dynamics and Control, Journal of Economic Studies, Journal of Economic Interaction and Coordination, Journal of Small Business Management, Journal of Economic Behaviour and Organization, Journal of Multinational Financial Management, Macroeconomic Dynamics, Mathematics and Computers in Simulation, PlosOne, SN Business & Economics

Firenze, Italy - February 2023