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WOS ResearcherID: B-6147-2012

PROFESSIONAL EXPERIENCE

Director	2021–present
School of International Studies University of Trento	
Professor of Economics	since 2017
School of International Studies and Department of Economics and Management University of Trento	
Fellow	since 2022
CESifo Research Network	
Chercheur affilié	since 2008
Observatoire Français des Conjonctures Économiques (OFCE-SciencesPo) Département de Recherche sur l'Innovation et la Concurrence	
Associate Professor	2011–2017
School of International Studies and Department of Economics and Management University of Trento	
Assistant Professor	2008–2011
Department of Economics and School of International Studies University of Trento	
Economist	2006–2008
OFCE-SciencesPo	
Post-doc	2005–2006
Department of Management and Computer Sciences University of Trento	

EDUCATION

Ph.D. in Economics and Management	2005
Scuola Superiore Sant'Anna — Pisa, Italy	
B.A. in Economics (Laurea in Economia Politica)	2001
University of Trento — Italy	<i>summa cum laude</i>

ACADEMIC SERVICE

Deputy Head of Department for Research

School of International Studies – University of Trento 2016–2019

Department of Economics and Management – University of Trento 2016–2018

Vice-Coordinator

PhD Program in International Studies – University of Trento 2011–2018

Teaching Coordinator – Economics

Department of Economics and Management – University of Trento 2014–2018

PhD Supervision

Michele Cascarano (PhD in Economics & Management) 2016–2020

Kaku Attah Damoah (PhD in Economics & Management) 2014–2017

Tewodros A. Wassie (PhD in Economics & Management) 2012–2015

Michele Bernini (PhD in International Studies) 2011–2014

OTHER SCIENTIFIC ACTIVITIES

Guest Editor*Economia Politica - Journal of Analytical and Institutional Economics* , vol 38(1) – 2021

Special Section on “Trade Policy and Firm Performance ”

Industrial and Corporate Change, vol 23(6) – 2014

Special Section on “Financial constraints and firm behavior in international markets”

Member of PhD defense committees

Ana Fernandes Pedro Soares (PhD in Economics - Vrije Universiteit Amsterdam) Sep 2023

Benedetta Falsetti (PhD in Civil & Environmental Engineering - Politecnico di Torino) Mar 2022

Giovanni Bonaccorsi (PhD in Institutions, Markets and Technologies - IMT, Lucca) Jan 2020

Irene Soligno (PhD in Civil & Environmental Engineering - Politecnico di Torino) Apr 2019

Xu Wang (PhD in Management Science - IMT School for Advanced Studies, Lucca) Sep 2017

Esubalew Tiruneh (PhD in Local Development - University of Trento) Dec 2013

Lorenza Lorenzetti (PhD in Economics & Management - University of Trento) Sep 2013

Gianna Giudicati (PhD in Economics & Management - University of Trento) Dec 2011

Project Evaluation

Agence Nationale de la Recherche (ANR, France); Vienna Science and Technology Fund (WWTF); German Research Foundation (DFG); Czech Science Foundation; Israel Science Foundation; Netherlands Organisation for Scientific Research (NWO); University of Insubria (Italy)

Member of the Scientific Committee

2023–2025

Centro per la Cooperazione Internazionale – Trento

CONSULTANCY

Food and Agriculture Organization of the United Nations (FAO)

Member of the Editorial Advisory Group 2023–2024

The State of Agricultural Commodities Markets 2024

Department for Environment, Food & Rural Affairs (Defra), UK Government

Consultant 2023

Evidence piece on “Environmental Net Gain and Trade”

Food and Agriculture Organization of the United Nations (FAO)

Consultant 2021–2022
The State of Agricultural Commodity Markets 2022

Autonomous Province of Trento

Expert member (adjunct) 2014–2016
“Comitato per la Modernizzazione del Sistema Pubblico e per lo Sviluppo”

RESEARCH GRANTS (subject to external peer review)

Italian Ministry of University and Research 2023–25
Call PRIN-PNRR 2022 €269 881
‘Food connections: intended and unintended consequences of trade on food and nutrition security’
(Principal Investigator)

European Commission declined
Marie Skłodowska-Curie Action – Individual Fellowship €92 538
‘Finance and export: investigating the signalling effect of foreign market penetration’
(Call: H2020-MSCA-IF-2015 – Proposal: 705915)

University of Trento 2015–17
Research Projects Call 2014 €39 000
‘Climatic change impacts on future availability of water resources and hydrogeological risks’
(vice Principal Investigator)

Italian Ministry of Education, University and Research 2013–16
FIRB 2012 - Future in Research €133 419
‘The global virtual-water network: social, economic, and environmental implications’
(local team leader)

Banca Intesa - San Paolo 2012
Ferdinando Targetti Research grant €25 000
‘The structure and growth of world trade, and the role of Europe in the global economy’
(Principal Investigator)

PUBLICATIONS

Journal Articles

- 2024 Zombification of the Economy? Assessing the Effectiveness of French Government Support During COVID-19 Lockdown, *Journal of Economic Behavior and Organization*, 218: 263-280 (with M. Guerini, L. Nesta and X. Ragot)
- 2024 Using trademarks to fend off import competition: Evidence from the top R&D-spending companies, *International Business Review*, 33(1): 102206 (with L. D’Agostino)
- 2023 Labour Market Power and the Quest for an Optimal Minimum Wage: Evidence from Italy, *Applied Economics* 55(15): 1713-1727 (with M. Caselli and J. Mondolo)
- 2022 Insights into countries’ exposure and vulnerability to food trade shocks from network-based simulations, *Scientific Reports*, 12: 4644 (with M. Grassia, G. Mangioni and S. Traverso)
- 2022 (Unintended) Consequences of export restrictions on medical goods during the Covid-19 pandemic, *Journal of Complex Network*, 10(1) (with M. Grassia, G. Mangioni and S. Traverso)

- 2021 Imports and Labour Market Imperfections: Firm-Level Evidence from France, *European Economic Review* 131: 103632 (with M. Caselli and L. Nesta)
- 2021 Innovation, Trade and Multi-Product Firms *Canadian Journal of Economics*, 54(1): 311-337 (with L. Montinari and M. Riccaboni)
- 2021 Anti-dumping Activities against China: Patterns and Effects, *Economia Politica - Journal of Analytical and Institutional Economics* 38(1): 7-30 (with C. Tomasi and M. Zhu)
- 2020 Fair Trade or Trade Fair? International Food Trade and Cross-border Macronutrient Flows, *World Development* 132: 104976 (with S. Traverso)
- 2020 Markups, import competition and exporting, *The World Economy* 43(5): 1309–1326 (with M. Caselli)
- 2018 Markups and markdowns, *Economics Letters* 173: 104–107 (with M. Caselli and L. Nesta)
- 2018 The network of migrants and international trade, *Economia Politica - Journal of Analytical and Institutional Economics*, 35(3): 763–787 (with R. Metulini, M. Riccaboni, P. Sgrignoli)
- 2018 The Evolution of Oil Trade: a complex network approach, *Network Science*, 6(4): 545-570 (with A. Fracasso and H. Nguyen)
- 2018 Shock transmission in the International Food Trade Network. A Data-driven Analysis, *PLoS ONE*, 13(8): e0200639 (with T. Distefano, F. Laio and L. Ridolfi)
- 2018 Powerless: gains from trade when firm productivity is not Pareto distributed, *Review of World Economics*, 154(1): 15–45 (with M. Bee)
- 2017 Modeling the future evolution of the virtual water trade network: A combination of network and gravity models, *Advances in Water Resources*, 110: 538–548 (with M. Sartori, A. Fracasso and M. Riccaboni)
- 2017 Where Gibrat meets Zipf: Scale and Scope of French Firms, *Physica A*, 481: 265–275 (with M. Bee and M. Riccaboni)
- 2016 Determinants of virtual water flows in the Mediterranean, *Science for the Total Environment*, 543: 1054-1062 (with A. Fracasso and M. Sartori)
- 2015 Connected we stand: A network perspective on trade and global food security, *Food Policy*, 57: 114-127 (with M. Sartori)
- 2015 Big hits, export concentration and volatility, *Economia Politica - Journal of Analytical and Institutional Economics*, 32(2), 135-166 (with S. Sufrauj and M. Riccaboni)
- 2015 The relation between global migration and trade networks, *Physica A*, 417(1), 245–260 (with P. Sgrignoli, R. Metulini, and M. Riccaboni)
- 2014 Exchange rate exposure under liquidity constraints, *Industrial and Corporate Change*, 23(6), 1541–1561
- 2014 Stochastic Trade Networks, *Journal of Complex Networks*, 2(4), 537–556 (with M. Riccaboni)
- 2014 Preferential attachment in multiple trade networks, *Physical Review E*, 90, 022817 (with R. Foschi, and M. Riccaboni)
- 2013 The size distribution of US cities: Not Pareto, even in the tail, *Economics Letters*, 120(2), 232–237 (with M. Bee and M. Riccaboni)
- 2013 Post-mortem examination of the international financial network, *Journal of Economic Dynamics and Control*, 37(8), 1692–1713 (with M. Chinazzi, G. Fagiolo and J. Reyes)
- 2013 Global Networks of Trade and Bits, *Journal of Economic Interaction and Coordination*, 8(1), 33–56 (with M. Riccaboni and A. Rossi)

- 2011 Pareto versus lognormal: A maximum entropy test, *Physical Review E*, 84, 026104 (with M. Bee and M. Riccaboni)
- 2011 L'impact des contraintes financières sur les performances à l'exportation des entreprises françaises, *Économie et Statistique*, n. 435-436, 65–83 (with F. Bellone, L. Nesta and P. Musso)
- 2010 Financial constraints and firm export behaviour, *The World Economy*, 33(3), 347–73 (with F. Bellone, L. Nesta and P. Musso)
- 2010 Structure and growth of weighted networks, *New Journal of Physics*, 12(2010), 023003 (with M. Riccaboni)
- 2010 Using complex network analysis to assess the evolution of international economic integration: the cases of East Asia and Latin America, *Journal of International Trade and Economic Development*, 19(02), 215–39 (with G. Fagiolo and J. Reyes)
- 2010 The evolution of the world trade web: a weighted network approach, *Journal of Evolutionary Economics*, 20(4), 479–514 (with G. Fagiolo and J. Reyes)
- 2010 International trade and financial integration: a weighted network approach, *Quantitative Finance*, 10(4), 389–99 (with G. Fagiolo and J. Reyes)
- 2009 Global imbalances, exchange rates adjustment and the crisis: implications from network analysis, *Journal of Policy Modeling*, 31(5), 601–19 (with A. Fracasso)
- 2009 The world-trade web: topological properties, dynamics and evolution, *Physical Review E*, 79, 036115 (with G. Fagiolo and J. Reyes)
- 2009 Tarification au marché et variation des marges à l'exportation: une étude des prix d'exportation allemands, français et italiens, *Revue de l'OFCE*, 108, 165–84 (with S. Guillou)
- 2008 Exports and productivity: comparable evidence for 14 countries, *Review of World Economics*, 144(4), 596–635 (with The International Study Group on Exports and Productivity)
- 2008 Assessing the evolution of international economic integration using random-walk betweenness centrality: the cases of East Asia and Latin America, *Advances in Complex Systems* 11(5), 685–702 (with G. Fagiolo and J. Reyes)
- 2008 On the topological properties of the world trade web: a weighted network analysis, *Physica A*, 387(15), 3868–73 (with G. Fagiolo and J. Reyes)
- 2008 The impact of financial constraints on firm survival and growth, *Journal of Evolutionary Economics*, 18(2), 135–49 (with P. Musso)
- 2008 Poolability and the finance-growth nexus: a cautionary note, *Economics Letters*, 98(2), 144–47 (with A. Vaona)
- 2008 Financial integration, GDP correlation and the endogeneity of optimum currency areas, *Economica*, 75, pp. 168–89
- 2007 Nonparametric and semiparametric evidence on the long-run effects of inflation on growth, *Economics Letters*, 94(3), pp. 452–8 (with A. Vaona)
- 2007 Common currencies and FDI flows, *Oxford Economic Papers*, 59(3), 536–60
- 2001 Sulle ragioni di una moneta palestinese, *Rivista di Politica Economica*, nov-dec 2001, 41–69

Book Chapters

- 2020 Dynamique des défaillances d'entreprises en France et crise de la Covid-19, in OFCE (ed.), *L'économie française 2021*, Paris: La Découverte, pp. 103–110 (with M. Guerini, L. Nesta and X. Ragot) – ISBN: 9782348064142 (ISBN epub: 9782348064159)
- 2019 Distribution of city size: Gibrat, Pareto, Zipf, in L. Dacci (ed.), *The Mathematics of Urban Morphology*, 2019, Basel: Birkhäuser (with M. Bee and M. Riccaboni) – ISBN: 9783030123802
- 2012 Un'analisi della sopravvivenza dei flussi commerciali italiani, in *L'Italia nell'economia internazionale - Rapporto ICE 2011-2012*, Roma: Istituto per il Commercio Estero, pp. 207-214 (with C. Gianesin)
- 2010 Export prices and increasing world competition: evidence from French, German, and Italian pricing behavior, in J.-L. Gaffard and E. Salies (eds.), *Innovation, Economic Growth and the Firm*, 2010, Cheltenham: Edward Elgar, pp. 214–37, (with S. Guillou)
- 2009 Dynamics and evolution of the international trade network, in S. Fortunato, G. Mangioni, R. Mezenes and V. Nicosia (eds), *Complex Networks*, Studies in Computational Intelligence Vol 207, 2009, Berlin Heidelberg: Springer-Verlag, pp. 1–14, (with G. Fagiolo and J. Reyes)
- 2007 Euro bonds: in search of financial spillovers, in F. Farina and R. Tamborini (eds), *Economic Policy in the EMU. From the Old to the New Stability and Growth Pact*, 2007, London: Routledge, pp. 161–95

Policy Reports

- 2024 *Environmental Net Gain in International Trade*, Department for Environment Food and Rural Affairs, Contribution n. 2, pp. 13-17, (with M. Faccioli)
- 2022 International (Food) Trade and Natural Resources. Background paper for *The State of Agricultural Commodity Markets 2022*, Rome, FAO.
- 2020 Firm liquidity and solvency under the Covid-19 lockdown in France (with M. Guerini, L. Nesta and X. Ragot), OFCE Policy brief 76, July 2020
- 2019 How to revive productivity growth? (with C. Jona-Lasinio and K. Weyerstrass), EconPol Policy Report 13, April 2019