

# Stefano Schiavo

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## PROFESSIONAL EXPERIENCE

**Director** 2021–2023

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

*summa cum laude*

## ACADEMIC SERVICES

**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

**Representative for Quality Assurance**

School of International Studies – University of Trento 2018–2019

**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 &amp; Management) 2016–2020

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

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

Michele Bernini (PhD in International Studies) 2011–2014

**Member of PhD defense committees**

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

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

Irene Soligno (PhD in Civil and 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 &amp; Management - University of Trento) Sep. 2013

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

## 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”

**Project Evaluation**

German Research Foundation (DFG); Czech Science Foundation; Israel Science Foundation;

Netherlands Organisation for Scientific Research (NWO); University of Insubria (Italy)

## CONSULTANCY

**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)

<b>European Commission</b>	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)	
<b>University of Trento</b>	2015–17
Research Projects Call 2014	€39 000
‘Climatic change impacts on future availability of water resources and hydrogeological risks’ (vice Principal Investigator)	
<b>Italian Ministry of Education, University and Research</b>	2013–16
FIRB 2012 - Future in Research	€133 419
‘The global virtual-water network: social, economic, and environmental implications’ (local team leader)	
<b>Banca Intesa - San Paolo</b>	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**

- 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, N. 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