

# Stefano Schiavo

---

School of International Studies and Department of Economics and Management  
University of Trento  
via T. Gar, 14  
38122 Trento - ITALY

phone (office): +39 0461 28 22 23  
e-mail: stefano.schiavo@unitn.it  
<https://sites.google.com/site/sschiavo7788>

---

## PERSONAL INFORMATION

born August 8, 1977  
Italian citizen  
married, three daughters

## PROFESSIONAL EXPERIENCE

<b>Full Professor</b>	since February 2017
School of International Studies and Department of Economics and Management University of Trento	
<b>Chercheur affilié</b>	since 2008
Observatoire Français des Conjonctures Économiques (OFCE-SciencesPo) Département de Recherche sur l'Innovation et la Concurrence	
<b>Associate Professor</b>	2011–2017
School of International Studies and Department of Economics and Management University of Trento	
<b>Assistant Professor</b>	2008–2011
Department of Economics and School of International Studies University of Trento	
<b>Economist</b>	2006–2008
OFCE-SciencesPo	
<b>Post-doc</b>	2005–2006
Department of Management and Computer Sciences University of Trento	

## EDUCATION

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

## ACADEMIC SERVICES

**Deputy Head of Department for Research**

Department of Economics and Management – University of Trento  
 School of International Studies – University of Trento

since April 2016  
 since October 2016

**Vice-Coordinator**

PhD Program in International Studies – University of Trento

since 2011

**Teaching Coordinator – Economics**

Department of Economics and Management – University of Trento

since 2014

**Student Supervision**

Michele Cascarano (PhD in Economics & Management)

ongoing

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

current supervision of 5 master theses + 27 completed

**Member of PhD defense committees**

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

## SCIENTIFIC ACTIVITIES

**Referee**

*Advances in Water Resources, Canadian Journal of Economics, Columbia University Press, Economic Inquiry, Economia Politica, Economica, Economics, Emerging Markets Finance and Trade, Europhysics Letters, Food Policy, Industrial and Corporate Change, International Economics, International Review of Economics and Finance, Journal of African Economies, Journal of Common Market Studies, Journal of Economic Behavior and Organization, Journal of Economic Dynamics and Control, Journal of Economic Geography, Journal of Economic Growth, Journal of Economics and International Finance, Journal of Evolutionary Economics, Journal of Industry Competition and Trade, Oxford Economic Papers, Network Science, Physica A, Portuguese Journal of Economics, Review of International Economics, Review of World Economics, Scandinavian Journal of Economics, Social Networks, Socio-Economic Review, Structural Change and Economic Dynamics, The World Economy*

**Guest Editor**

*Industrial and Corporate Change*, volume 23, issue 6 – 2014

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

**Project Evaluation**

Czech Science Foundation; Israel Science Foundation; Netherlands Organisation for Scientific Research (NWO); University of Insubria (Italy)

## CONSULTANCY

**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)	
<b>Italian Ministry of Education, University and Research</b>	2011–13
PRIN 2009 (with M. Riccaboni)	€52 656
‘The international trade network’ (member of the local research team)	

## SCHOLARSHIPS &amp; AWARDS

<b>Bank of Italy</b>	2006
Scholarship for training in the credit and financial sector	(declined)
<b>Italian Association for the Study of Comparative Economic Systems</b>	2004
Young Economist Award for best paper presented at the XIV AISSEC Conference Paper “Common currencies and FDI flows”	
<b>Scuola Superiore Sant’Anna</b>	2001–2004
Ph.D. Scholarship	
<b>Rivista di Politica Economica</b>	2001
Angelo Costa Economics Undergraduate Theses Award	

## CITATION INDEXES

	<b>citations</b>	<b>H-index</b>
Google Scholar	1753	17
Scopus	738	14
Web of Science	575	14

## PUBLICATIONS

**Journal Articles**

- 2017 The Evolution of Oil Trade: a complex network approach, *Network Science*, forthcoming (with A. Fracasso and H. Nguyen)
- 2017 Powerless: gains from trade when firm productivity is not Pareto distributed, *Review of World Economics*, forthcoming (with M. Bee) – doi: 10.1007/s10290-017-0295-z
- 2017 Modeling the future evolution of the virtual water trade network: A combination of network and gravity models, *Advances in Water Resources*, forthcoming (with M. Sartori, A. Fracasso and M. Riccaboni) – doi: 10.1016/j.advwatres.2017.05.005
- 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) – doi: 10.1016/j.scitotenv.2015.02.059
- 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) – doi: 10.1093/comnet/cnu025
- 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)
- 2012 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

- 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. Giancesin)
- 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

## WORK IN PROGRESS

- The Migration Network Effect on International Trade (with R. Metulini, M. Riccaboni, P. Sgrignoli) – conditionally accepted *Economia Politica - Journal of Analytical and Institutional Economics*
- International Competition and Rent Sharing in French Manufacturing (with L. Nesta), DEM Working Paper 2017/07
- To what extent will climate and land use change affect EU-28 agriculture? A computable general equilibrium analysis (with M. Sartori, D. Geneletti, R. Scolozzi), SIS Working Paper 2017-2 – submitted to *Environmental and Resource Economics*
- Shock transmission in the International Food Trade Network. A Data-driven Analysis (with T. Distefano, F. Laio and L. Ridolfi), SEEDS Working Paper 6/2017 – submitted to *The World Economy*
- Innovation, Trade and Multi-Product Firms (with L. Montinari and M. Riccaboni), OFCE Working Paper 2015/06 – submitted to the *Journal of the European Economic Association*
- Markups and markdowns (with M. Caselli and L. Nesta), OFCE Working Paper 11/2107

## CONFERENCE PRESENTATIONS AND SEMINARS (last 5 years)

- Séminaire AEEF (ThEMA – Université Cergy-Pontoise, October 2017)
- 12th ISGEP Workshop “International Business meets International Trade” (Reading, Sept. 2017)
- XVIII Jornadas de Economía Internacional (Huelva, June 2017)
- 8th Rocky Mountain Empirical Trade Conference (Banff, May 2017)
- International Study Group on Export and Productivity 11th Workshop (Pescara, Sept. 2016)
- XXXI National Conference of Labour Economics (Trento, Sept. 2016)
- Simposio “Acqua Risorsa Globale” (Torino, May 2016)
- International Study Group on Export and Productivity 10th Workshop (Birmingham, July 2015)
- Workshop ‘Multipolarity and Regionalization in the Global System (Milan, Dec. 2014)
- International Study Group on Export and Productivity 9th Workshop (Stockholm, Sept. 2014)
- 16th European Trade Study Group Conference (Munich, September 2014)
- 54th Meeting of the Italian Economic Society (Bologna, October 2013)
- Royal Economic Society (London, April 2013)

## TEACHING EXPERIENCE (last 5 years)

**PhD level**

<i>International Economics</i> (joint with G. Fodor)	spring <b>2015 &amp; 2014</b>
PhD in International Studies	[12 hours]
<i>Trade and Firm Behavior in Open Economies</i> (with M.L. Segnana)	spring <b>2014 &amp; 2013</b>
PhD in Economics & Management	[12 hours]
<i>International Economics II</i> (Trade)	spring <b>2013 &amp; 2012</b>

PhD in International Studies	[24 hours]
<i>Industrial Dynamics</i> (joint with M. Riccaboni)	spring <b>2012 &amp; 2011</b>
PhD in Economics and Management	[12 hours]
<b>Master level</b>	
<i>Natural Resources and Energy Security</i> (joint with M. Pertile)	fall <b>2017</b>
Master in International Security Studies	[18 hours]
<i>Principles of International Economics</i>	spring <b>2017 &amp; 2016</b>
Master in European and International Studies	[48 hours]
<i>Applied International Economics/Lab. of International Economics</i>	spring <b>2017, 2016 &amp; 2015</b>
Master in European and International Studies/Master in Economics	[36 hours]
<i>Econometrics</i> (joint with S. Notaro and M. Caselli)	spring <b>2015</b>
Master in Economics	[10 hours]
<i>Development Economics</i>	fall <b>2014, 2013 &amp; 2012</b>
Master in European and International Studies	[36 hours]
<b>Undergraduate level</b>	
<i>Laboratorio di Analisi dei Mercati</i> (in Italian)	fall <b>2017, 2016 &amp; 2015</b>
BA in Business Administration and Law	[36 hours]
<i>Microeconomia</i> (in Italian, joint with L. Andreozzi/ G. Berlofffa)	fall <b>2012 &amp; 2011</b>
BA in Economics and Management	[36 hours]