

# Matteo Sostero | CV

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## Research Fields and Interests

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*Primary Fields:* Economics of Innovation; Labour Economics; Technological Diffusion.

*Other Fields:* Applied Microeconomics; Law and Economics.

*Interests:* Policy Evaluation; Innovation and Social Inequality; Sustainability; Data Analysis and Visualisation.

## Education

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- Ph.D. in Economics** Pisa, Italy
  - Sant'Anna School of Advanced Studies* Jul 2017
  - Thesis: "Essays on the Measurement and Assessment of Inequality, Sustainability, and Innovation"
  - Supervisor: Prof. Federico Tamagni
- MSc. in Economics** London, U.K.
  - University College London* Sep 2012
  - Dissertation: "A Network Model of Learning and Job Search"
  - Supervisor: Prof. Jeremy Lise
- BSc. in Economics and Management** Venice, Italy
  - Università Ca' Foscari, Summa Cum Laude* Jun 2011
- Diplôme de l'enseignement secondaire** Godinne, Belgium
  - Collège de Godinne-Burnot, Distinction* Jun 2007

## Research, Consulting, and Teaching Experience

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- Research fellow, *Innovative Models and Solutions for Industry 4.0* (SMIIT4.0)** Pisa, Italy
  - Sant'Anna School of Advanced Studies—INAPP* Apr 2018–present
  - I am working with the *Istituto Nazionale per l'Analisi delle Politiche Pubbliche* (INAPP) to study the adoption of Industry 4.0 technologies by Italian firms, and to assess its potential impact on employment and wages in the labour market.
- Research fellow at the Institute of Economics, on EU H2020 *ISIGrowth* project** Pisa, Italy
  - Sant'Anna School of Advanced Studies* Mar 2016–March 2018
  - I worked on the *ISIGrowth* project (*Innovation-fuelled, Sustainable, Inclusive Growth*). I conducted empirical research on employee-level data from Eurostat's Structure of Earnings Survey and other sources. I analysed the determinants of wage inequality within firms, and how these relate to innovation and labour market institutions.
- Research intern at the Economics Department** Paris, France
  - OECD* Jul 2014–Sep 2014
  - I collaborated closely with members of the Economics department on the report *Finance and Inclusive Growth*. Working with matched employer-employee microdata from the Structure of Earnings Survey of Eurostat, I estimated the determinants of the wage premium in the financial sector and its contribution to earnings inequality.
- Consultant** Venice, Italy
  - Veneto Chamber of Commerce (Unioncamere Veneto)* (recurring temporary contracts) Jul 2011–May 2017
  - I designed and implemented a software for the aggregation and analysis of the multidimensional index of regional well-being "Beyond GDP"; I produced technical reports and documents for publication, worked in team to prepare press conferences and presentation to local policy-makers.
- Research intern** Venice, Italy
  - Fondazione Eni Enrico Mattei (FEEM)* Feb 2011–Apr 2011
  - I researched and implemented aggregation methods for sustainability indicators, reported and published results as part of the methodological report of the FEEM Sustainability Index. I surveyed, summarized and commented scientific literature, both quantitative and qualitative, on economic, social and environmental sustainability.

## Teaching, Service and Administrative Experience

- Teaching assistant for the MSc Economics course *Economic Policy* – Sant’Anna SAS, March–April 2018.
- Instructor for the workshop *Git for economists* – Sant’Anna SAS, February–March 2018.
- Instructor for the workshop *Computational Tools for Economics using R* – Sant’Anna SAS, October 2014.
- System administrator for department Linux server – Sant’Anna SAS, since October 2016.
- Student representative at the Ph.D. teaching council – Sant’Anna SAS, AY 2014/2015.
- Reviewer for *Industrial and Corporate Change, Journal of Evolutionary Economics*.

## Specialist Courses Attended

- Policy Evaluation: from Reduced Form to Structural Form Analysis Perugia, Italy  
CIDE XXIV Course of Econometrics for Ph.D. students Sep 2013
- Information Theory, Chaos and Ergodicity with Application to Data Analysis San Miniato, Italy  
Summer School of Mathematics for Economics and Social Sciences Sep 2013
- Time Series Econometrics Bertinoro, Italy  
CIDE XXIV Course of Econometrics for Ph.D. students Jul 2013
- Critical Approaches to Economics and Corporate Risk Management Venice, Italy  
Ca’ Foscari–Harvard Summer School Jul 2010
- The Political Economy of Public Policy London, U.K.  
London School of Economics and Political Science Summer School Jul 2009

## Publications and Research Papers

- Cirillo, V., Sostero, M., and Tamagni, F. (2017). “Innovation and within-firm wage inequalities: empirical evidence from major European countries”, *Industry and Innovation*, 24:5, 468–491.  
 DOI: 10.1080/13662716.2017.1310035
- Pinar, M., Cruciani, C., Giove, S., and Sostero, M. (2014). “Constructing the FEEM sustainability index: A Choquet integral application,” *Ecological Indicators*, 39, 189–202. DOI: 10.1016/j.ecolind.2013.12.012

## Working Papers and Reports

- Cirillo, V., Sostero, M., and Tamagni, G. (2018). “Firm-level pay agreements and within-firm wage inequalities: Evidence across Europe”, *ISIGrowth Working Papers*, 2018/3  
 presented at 14th European Network on the Economics of the Firm (ENEF) meeting, Pisa, 14–15 September 2017  
[http://www.isigrowth.eu/wp-content/uploads/2018/01/working\\_paper\\_2018\\_03.pdf](http://www.isigrowth.eu/wp-content/uploads/2018/01/working_paper_2018_03.pdf)
- [contributed to] Denk, O. (2015), “Financial sector pay and labour income inequality: Evidence from Europe,” *OECD Economics Department Working Papers*, No. 1225, OECD Publishing, Paris.  
 DOI: 10.1787/5js04v5wjw9p-en.
- Giove, S., Maggino, F., Pitingaro, S., Fasano, G., and Sostero, M. (2012) “Assessment of Social and Statistical indicators for the Quality-of-Life: the case of Veneto in Italy,” *Proceedings of the XI conference of the International Society for Quality-of-Life Studies (ISQOLS)*

## Work in progress

- Menon, C., and Sostero, M. “The Value of Reputation in Patent Granting Decisions: the Case of Volkswagen”
- Kurmangaliyeva, M, and Sostero, M. “Testing for Racial Biases in the U.S. law enforcement”

## Languages

English (*fluent*), French (*native*), Italian (*native*), Spanish (*conversational*), Russian (*beginner*)

## Technical skills

TYPESETTING	$\LaTeX$ (Bi $\TeX$ , Beamer), MS Office, LibreOffice	Advanced
PROGRAMMING LANGUAGES	{ R (tidyverse, ggplot2), Regular Expressions Mathematica, Python (Scrapy), Matlab SQL, Octave, c/c++	Advanced Intermediate Basic
STATISTICAL SUITES	Stata, Eviews	Advanced
VERSION CONTROL	git, GitHub	Intermediate
GIS	QGIS, R (rgeos, maptools)	Intermediate
DATA PROVIDERS	OECD, Eurostat, PATSTAT, Amadeus (BvD)	