

Martina Iori

Curriculum vitae

Personal Details

DOB 11th of August, 1989

Mail martina.iori@unito.it

Education

Oct. 2015 – **“Vilfredo Pareto” Doctorate in Economics**, *University of Turin and Collegio Carlo Alberto*, Turin.

Dissertation title: *Three Essays on Interdisciplinarity and Novelty in Science and Technology*

May. 2017 – **Visiting PhD student**, *Center for Network Science, Central European University*,
Feb. 2018 Budapest.

Aug. 2014 – **Master of Arts in Economics and Complexity**, *Collegio Carlo Alberto*, Turin.
June 2015

Oct. 2011 – **Master Degree in Physics - Theoretical Physics curriculum**, *University of Turin*,
Oct. 2013 Turin, 110/110 cum Laude and Distinction.

Master Thesis developed at **S.I.S.S.A.** (International School for Advanced Studies) -
Statistical Physics group, Trieste.

Title: *Thermodynamic properties of ultracold fermions with spin-orbit coupling*

Oct. 2008 – **Bachelor Degree in Physics**, *Alma Mater Studiorum - University of Bologna*,
Oct. 2011 Bologna, 110/110 cum Laude.

Summer Schools, Workshops and Conferences

Jan. 2019 WICK#6, *Collegio Carlo Alberto*, Turin

Presentation title: *Novelty as recombination of knowledge*

Aug. 2018 Innovation, Economic Complexity, and Economic Geography Workshop - INET-YSI
Summer Workshop, *MIT MediaLab*, Boston

Presentation title: *A bridge over troubled water: interdisciplinarity, novelty and impact*

Jun. 2018 Data Science and Economics, *University of Turin*, Turin

Presentation title: *A bridge over troubled water: interdisciplinarity, novelty and impact*

Dec. 2017 WICK2017, *Collegio Carlo Alberto*, Turin

Presentation title: *Interdisciplinarity and impact in Physics*

Oct. 2017 EAEPE2017, *Corvinus University*, Budapest

Presentation title: *Interdisciplinarity and impact in Physics*

- Mar. 2017 Smart and Sustainable Planning for Cities and Regions - SSPCR 2017, *Eurac*, Bolzano
 Presentation title: *Barrier to switching in retail electricity markets: A regional analysis of the Italian market*
- Dec. 2016 4th Doctoral Workshop in Economics of Innovation, Complexity and Knowledge, *Collegio Carlo Alberto*, Turin
- Dec. 2016 English Writing Skills for EU Project, *IUSE*, Turin
- Dec. 2015 3th Doctoral Workshop in Economics of Innovation, Complexity and Knowledge, *Collegio Carlo Alberto*, Turin
- July 2015 KID 2015, Summer School on "Knowledge Dynamics, Industrial Evolution, Economic Development", Nice
 Presentation title: *Innovation as knowledge bricolage*

Work Experience

- Jun. 2018 – **Research Assistant**, *Collegio Carlo Alberto*, Turin.
- Sept. 2018 European Commission Tender: *The analysis of socio-economic drivers of switching behaviours in retail electricity markets*
- Sept. 2015 – **Expert for European Commission**, *Joint Research Center - Institute for Energy and Transport*, Energy Security, Systems and Market Unit, Petten (NL).
 Dec. 2015 *Retailer Electricity Market Simulator*
- Jan. 2014 – **Intern at Telecom Italia**, *Swarm Lab - Telecom Italia Joint Open Lab*, Turin.
 July 2014 Research activity on Energy Smart Grid using Agent-Based Modeling and Simulation (ABM) and Network Analysis. Active collaboration in the European project INTRePID to study a distributed management of energy at the district level.

Teaching

- Sep. 2018 – **Political Economy - Teaching Assistant**, *Department of Management, University of Turin*, Turin.
 Jul. 2019
- Sept. 2017 – **Economy of Labour - Teaching Assistant**, *Department of Management, University of Turin*, Turin.
 Jul. 2019

Awards and Fellowships

- 2017 – 2018 Six-month **grant** for a Short Term Scientific Mission (STSM) at Center for Network Science (CEU), *COSTNET - COST action*
- 2017 – 2018 **Full tuition waiver** as visiting PhD student, *Center for Network Science (CEU)*
- 2015 – 2018 Three-year PhD **scholarship**, *"Vilfredo Pareto" Doctorate in Economics*
- 2014 – 2015 **Full tuition waiver** and **fellowship**, *Master in Economics and Complexity*
- 2013 Research training **fellowship** for undergraduate students, *S.I.S.S.A. (International School for Advanced Studies)*

Publications

Refereed Journals

1. M. Fontana, M. Iori, C. Nava, *Switching behavior and the liberalization of the Italian electricity retail market. Logistic and mixed effect Bayesian estimations of consumer choice*, Energy Policy, Forthcoming.
2. D. Borra, M. Iori, C. Borean, F. Fagnani, *A Reputation-based Distributed District Scheduling Algorithm for Smart Grids*, EAI Endorsed Transactions on Cognitive Communications, 15(2), 2015.

Book Chapters

3. A. Sciullo, E. Vallino, M. Iori, M. Fontana, *Paths and processes in complexity electricity markets: the agent based perspective*, In: Handbook of Energy Economics, Forthcoming.
4. M. Fontana, M. Iori, C. Nava, *Barrier to switching in retail electricity markets: a regional analysis of the Italian market*, In: Smart and Sustainable Planning for Cities and Regions, Green energy and Technology, Springer, 2018.

Working Papers

5. M. Fontana, M. Iori, F. Montobbio, R. Sinatra, *A bridge over troubled water: interdisciplinarity, novelty and impact*, Department of Political Economy, Working Paper no2, Cattolica University, 2018.
6. C. Bottai, M. Iori, *Knowledge Clusters and Multidimensional Proximity: An Agent Based Simulation*, Working Paper 28/2015 Be.Compl.Ex Dipartimento di Economia e Statistica "Cognetti de Martiis", University of Turin, 2015.

Languages

Italian Mother tongue
English Good

Computer Skills

- **Operation systems:** Microsoft Windows (good - Full ECDL, 2007), GNU/Linux system (good)
- **Programming languages:** Python (advanced), C/C++ (good), Mathematica (intermediate)
- **Statistical tools:** R (advanced), Stata (intermediate)
- **Markup languages:** Latex (advanced), Markdown (good)
- **Simulation and modeling tools:** Netlogo (good)