

## Europass Curriculum Vitae



### Personal information

Name / Surname	<b>JACOPO STACCIOLI</b>
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Nationality	Italian
Date of birth	6 <sup>th</sup> May, 1988 in Pisa, Italy
Gender	Male

### Current position

2018–*in progress* Postdoctoral researcher at Department of Economic Policy, Università Cattolica del Sacro Cuore, Milan, Italy.

### Education

2014–*in progress* Ph.D. candidate (*Allievo Perfezionando*) at International Doctoral Program in Economics (4-year programme), Scuola Superiore Sant'Anna, Italy.  
Thesis: *Essays on the emergence of endogenous financial fluctuations*  
Supervisor: Prof. Giovanni Dosi (Scuola Superiore Sant'Anna)  
[degree award expected by January 2019]

2018 Visiting fellow at London School of Economics and Political Science, London, United Kingdom.  
Supervisor: Prof. Matteo Barigozzi (London School of Economics and Political Science)

2017 Visiting fellow at OFCE (Observatoire Français des Conjonctures Économiques) – Sciences Po, Sophia Antipolis, France.

- Supervisor: Dr. Mauro Napoletano (OFCE – Sciences Po)
- 2014 M.Sc. in Economics (*'Laurea Magistrale in Economics'*), English taught, at Scuola Superiore Sant'Anna and University of Pisa, Italy.  
Final mark: 110/110 *summa cum laude et encomium*  
Thesis: *Bubble-and-bust dynamics under Walrasian asset pricing and heterogeneous traders*
- Supervisor: Prof. Giovanni Dosi (Scuola Superiore Sant'Anna)
- 2014 Visiting fellow at Faculty of Business Administration and Economics, University of Bielefeld, Germany.  
Supervisor: Prof. Herbert Dawid (University of Bielefeld)
- 2011 B.Sc. in Economics (*'Laurea in Scienze Economiche'*) at University of Pisa, Italy.  
Final mark: 110/110 *summa cum laude*

## Research activity

- Fields of interest Computational economics, Big-data analytics, Machine learning, Natural language processing, Labour market impact of technological innovation, Industry 4.0
- Publications in peer reviewed journals Dindo, Pietro and Jacopo Staccioli (2018) 'Asset prices and wealth dynamics in a financial market with random demand shocks'. *Journal of Economic Dynamics and Control* 95, pp. 187–210. DOI: [10.1016/j.jedc.2018.08.009](https://doi.org/10.1016/j.jedc.2018.08.009).
- Working papers Cirillo, Valeria, Matteo Rinaldini, Jacopo Staccioli and Maria Enrica Virgillito (2018) *Workers' awareness context in Italian 4.0 factories*. LEM Working Papers series n. [13/2018](#).
- Staccioli, Jacopo and Mauro Napoletano (2018) *An agent-based model of intra-day financial markets dynamics*. LEM Working Papers series n. [12/2018](#).
- Dindo, Pietro and Jacopo Staccioli (2017) *Asset prices and wealth dynamics in a financial market with endogenous liquidation risk*. LEM Working Papers series n. [33/2017](#).
- Works in progress *Trade unions' response to Industry 4.0 in the Italian Motor Valley: from corporatism to old and new dualistic tendencies* (with Valeria Cirillo, Matteo Rinaldini, and Maria Enrica Virgillito)
- Intensification of working time and control: the trait d'union between artificial intelligence and Industry 4.0* (with Angelo Moro, Matteo Rinaldini, and Maria Enrica Virgillito)
- A dynamic functional principal component analysis of intra-day volatility* (with Matteo Barigozzi)
- Other publications Cirillo, Valeria, Daniela Freddi, Matteo Rinaldini, Jacopo Staccioli and Maria Enrica Virgillito (2017) "Field research report on the implementation of Industry 4.0 in a sample of Italian companies". In: Matteo Gaddi, Nadia Garbellini and Francesco Garibaldo (Ed.), *Industry 4.0 and its consequences for work and labour*. Fondazione Claudio Sabattini and Associazione Culturale Punto Rosso.

Research projects

European Union's Horizon 2020 DOLFINS Project

Reviewer for

*International Journal of Computational Economics and Econometrics*

## Teaching experiences

2017

Teaching Assistant for the “*Economics and Management of Innovation*” doctoral/postgraduate course (Prof. Giovanni Dosi) at Institute of Economics, Scuola Superiore Sant’Anna, Pisa, Italy.

2011–2014

Graduate assistant (*‘Tutor’*) for the Microeconomics undergraduate course (Prof. Luca Spataro) at Department of Economics and Management, University of Pisa, Italy.

## Grants and awards

2014–2018

4-year National Ph.D. scholarship, International Doctoral Program in Economics, Scuola Superiore Sant’Anna.

2016–2017

3-month Student Mobility grant awarded by Erasmus Plus Mobility Consortium “Talent at work” 2016/2017.

2014

Scholarship for Thesis Abroad, awarded by University of Pisa, Italy.

2008–2013

Yearly grant for academic books purchase awarded by Banca di Cascina – Credito Cooperativo, Italy.

a.y. 2011–2012

Grant for the enrolment in the Excellence Path of the Master of Science in Economics, awarded by University of Pisa, Italy.

## Conference presentations

2018

WEHIA – 23rd Workshop on the Economic Science with Heterogeneous Interacting Agents, International Christian University, Tokyo, Japan.

2018

SASE – 30th Annual Meeting of the Society for the Advancement of Socio-Economics, Doshisha University, Kyoto, Japan.

2018

Conference “A new Industrial Revolution? Labour, Technology and the Automotive Industry”, Scuola Superiore Sant’Anna, Pisa, Italy.

2018

ISCEF – 5th International Symposium in Computational Economics and Finance, Paris, France.

2017

EAEPE – 29th Annual Conference of the European Association for Evolutionary Political Economy, Corvinus University of Budapest, Hungary.

2017

NED – 10th International Conference on Nonlinear Economic Dynamics, University of Pisa, Italy.

2017

WEHIA – 22nd Workshop on the Economic Science with Heterogeneous Interacting Agents, Università Cattolica del Sacro Cuore, Milano, Italy.

2017

International Workshop on Economic Growth, Macroeconomic Dynamics and Agents’ Heterogeneity, Department of Economics, European University at Saint Petersburg, Russia.

2017

SNDE – 25th Annual Symposium of the Society for Nonlinear Dynamics and Econometrics, Essec Business School and University of Evry, Paris, France.

- 2016 Siena Finance Workshop, Department of Economics and Statistics, University of Siena.
- 2016 CEF – 22nd International Conference on Computing in Economics and Finance, Society for Computational Economics, Bordeaux, France.
- 2015 First Bordeaux-Milano Joint Workshop on Agent-Based Macroeconomics, GREThA (Bordeaux University) and CLE (Catholic University of Milan), Bordeaux, France.
- 2015 WEHIA – 20th Workshop on the Economic Science with Heterogeneous Interacting Agents, SKEMA Business School and OFCE-Sciences Po, Sophia-Antipolis, France.
- 2015 VPDE-BRICK Workshop in Economics of Innovation, Complexity and Knowledge, Collegio Carlo Alberto, Torino, Italy.
- 2012 Selected speaker for the 22<sup>nd</sup> International Trade and Finance Association Conference, Pisa, Italy. [not accomplished]

### Seminar presentations

- 2017 Graduate School of Economics and Business Administration, Hokkaido University, Sapporo, Japan.
- 2016 GREDEG – Groupe de Recherche en Droit, Economie et Gestion, Valbonne, France.
- 2014 Faculty of Business Administration and Economics, University of Bielefeld, Germany.

### Conference organisation

- 2016 Organizer of the Workshop “*Freewheeling Econometrics: the Econometrics of Complex Evolving Economies*”, INET Young Scholars Initiative and Scuola Superiore Sant’Anna, Pisa, Italy.
- 2015 Organizer of the Workshop “*The Intellectual Legacy of Christopher Freeman: some contemporary challenges for economics, innovation studies, and public policy*”, Scuola Superiore Sant’Anna, Pisa, Italy.
- 2014 Organizer of the Conference “*Debunking Austerity: Towards Alternative Economic Policy Scenarios*”, INET Young Scholars Initiative and Scuola Superiore Sant’Anna, Pisa, Italy.
- 2013 Assistant at the Conference *Structural Change, Dynamics, and Economic Growth*, Livorno, Italy.

### Further Education

- 2017 Big Data Finance Winter School and Conference, University of Zurich, Switzerland.
- 2016 Summer School of Mathematics for Economics and Social Sciences “*Stochastic processes and stochastic calculus with application to economics and finance*”, Centro di Ricerca Matematica Ennio De Giorgi – Scuola Normale Superiore, S. Miniato, Italy.

- 2015 CIdE Summer School on Panel Data Econometrics theory and applications, Bertinoro, Italy.
- 2015 Summer School on Mathematical and Statistical Models of Economic Growth, Hokkaido University, Sapporo, Japan.
- 2015 Summer School on Differential Equations and Differential Geometry, Hokkaido University, Sapporo, Japan.
- 2015 INET Lectures at Trento Festival of Economics, Trento, Italy.
- 2014 Mini-course in Economics and Philosophy of Science, Bielefeld Graduate School of Economics and Management, University of Bielefeld, Germany.
- 2014 INET Lectures at Trento Festival of Economics, Trento, Italy.
- 2014 Mini-course in Asset Pricing with Heterogeneous Beliefs, Institute of Economics, Sant'Anna School of Advanced Studies, Italy.
- 2013 Hyman P. Minsky Summer Seminar and Conference, Levy Economics Institute of Bard College, Annandale-on-Hudson, New York, USA.
- 2013 Summer School of Mathematics for Economics and Social Sciences “*Information theory and econophysics*”, Centro di Ricerca Matematica Ennio De Giorgi – Scuola Normale Superiore, S. Miniato, Italy.
- 2013 Mini-course in Quantitative Risk Management, School of Economics and Management, University of Florence, Italy.
- 2012 Summer School of Mathematics for Economics and Social Sciences “*Dynamical systems and bifurcation theory*”, Centro di Ricerca Matematica Ennio De Giorgi – Scuola Normale Superiore, S. Miniato, Italy.

## Language skills

Mother tongue(s)

*Self-assessment*  
European level<sup>(\*)</sup>

### Italian

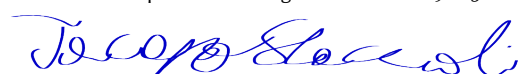
### English

### French

Understanding		Speaking		Writing	
Listening	Reading	Spoken interaction	Spoken production		
C2 Proficient user	C2 Proficient user	C2 Proficient user	C2 Proficient user	C2 Proficient user	
A2 Basic user	A2 Basic user	A2 Basic user	A2 Basic user	A2 Basic user	

<sup>(\*)</sup>Common European Framework of Reference (CEF) level

- 2017 **C2** level English language assessment by Erasmus+ Online Linguistic Support in all subjects (reading, listening, grammar, vocabulary, key communicative phrases).
- 2008–2009 **A2** level course attended at C.L.I – Centro Linguistico Interdipartimentale, University of Pisa, Italy.



## Computer skills<sup>1</sup>

Programming languages	C / C++, Python / Anaconda <sup>2</sup> , UNIX shell, R	(EXPERT)
	Stata <sup>®</sup> , SAS <sup>®</sup> , MATLAB <sup>®</sup> / OCTAVE, Fortran, gnuplot, SQL, Excel <sup>™</sup> , Java <sup>™</sup>	(PROFICIENT)
Operating systems	GNU/LINUX	(EXPERT)
	Windows <sup>™</sup> , macOS <sup>™</sup>	(PROFICIENT)
	BSD, illumos	(ADV. BEGINNER)
Typesetting and productivity	L <sup>A</sup> T <sub>E</sub> X/ X <sub>L</sub> L <sub>A</sub> T <sub>E</sub> X, PGF/Tikz	(EXPERT)
	Office <sup>™</sup> , Libreoffice	(PROFICIENT)
	emacs, Code::Blocks, Eclipse	(COMPETENT)
2011	ECDL Core (Syllabus 5.0) issued by CISIAU - Centro Interdipartimentale di Servizi Informatici per l'Area Umanistica, University of Pisa, Italy.	

<sup>1</sup>Expertises are ranked according to the Dreyfus model of skill acquisition [see Dreyfus, S. (2004) The Five-Stage Model of Adult Skills Acquisition. *Bulletin of Science Technology & Society* 24 (3), pp. 177–181].

<sup>2</sup>And several scientific libraries therein, such as sklearn, numpy, scipy, matplotlib, and pandas.