

Europass Curriculum Vitae



Personal information

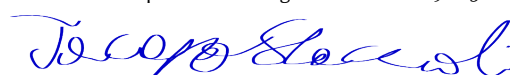
Name / Surname	JACOPO STACCIOLI, PhD
Address	Dipartimento di Politica Economica Università Cattolica del Sacro Cuore Via Lodovico Necchi, 5 20123 Milano (MI) - Italy
Homepage	https://staccioli.org
Email	jacopo.staccioli@unicatt.it PGP key: 0x8A12E4B3
Nationality	Italian
Date of birth	6 th May, 1988 in Pisa, Italy
Gender	Male

Current positions

<i>since</i> 2018	Postdoctoral Researcher at Department of Economic Policy, Università Cattolica del Sacro Cuore, Milan, Italy.
<i>since</i> 2019	Research Affiliate at Institute of Economics, Scuola Superiore Sant'Anna, Pisa, Italy.

Previous positions

2018	Visiting Fellow at Department of Statistics, London School of Economics and Political Science, London, United Kingdom.
2017	Visiting Fellow at OFCE (Observatoire Français des Conjonctures Économiques) – Sciences Po, Sophia Antipolis, France.
2015	Visiting Fellow at BETA (Bureau d'Économie Théorique et Appliquée), University of Strasbourg, France.
2014	Visiting Fellow at Faculty of Business Administration and Economics, University of Bielefeld, Germany.



Education

- 2019 Ph.D. in Economics (*summa cum laude*), Scuola Superiore Sant'Anna, Pisa, Italy.
Thesis: *Essays on the emergence of endogenous financial fluctuations*
Supervisor: Prof. Giovanni Dosi
- 2014 M.Sc. in Economics, University of Pisa and Scuola Superiore Sant'Anna, 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
- 2011 B.Sc. in Economics, University of Pisa, Italy.
Final mark: 110/110 *summa cum laude*

Research

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 Moro, Angelo, Matteo Rinaldini, Jacopo Staccioli, and Maria Enrica Virgillito (2019) 'Control in the era of surveillance capitalism: an empirical investigation of Italian Industry 4.0 factories'. *Journal of Industrial and Business Economics* [forthcoming].

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](#).

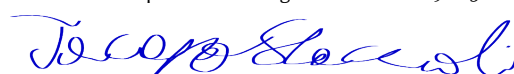
Staccioli, Jacopo and Mauro Napoletano (2018) *An agent-based model of intra-day financial markets dynamics*. LEM Working Papers series n. [12/2018](#).

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 *Robots and their knowledge generation: Patenting and firm-level performance* (with Fabio Montobbio, Maria Enrica Virgillito, and Marco Vivarelli)

Trade unions' response to Industry 4.0: from corporatism to old and new dualistic tendencies (with Valeria Cirillo, Matteo Rinaldini, and Maria Enrica Virgillito)

A 2-step functional principal component analysis of intra-day volatility trajectories (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 *Eurasian Business Review, Financial Innovation, International Journal of Computational Economics and Econometrics*

Teaching

since 2017 *Economics of Information* course for doctoral/graduate students at Institute of Economics, Scuola Superiore Sant’Anna, Pisa, Italy.

2011–2014 Teaching Assistant for the *Microeconomics* undergraduate course at Department of Economics and Management, University of Pisa, Italy.

Consultancy

2019 EU-OSHA Expert meeting on digitalisation and occupational safety and health, Bilbao, Spain.

Conference presentations

2019 EAEPE – 31st Annual Conference of the European Association for Evolutionary Political Economy, SGH Warsaw School of Economics, Poland. [forthcoming]

2019 Workshop on Innovation, firm dynamics, employment and growth, University of Greenwich, London, UK. [forthcoming]

2019 EMAEE – European Meeting on Applied Evolutionary Economics, SPRU – University of Sussex, Brighton, UK. [forthcoming]

2019 RENIR Workshop on the impact of automation and artificial intelligence on regional economies, Collegio Carlo Alberto and University of Turin, Italy. [forthcoming]

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.

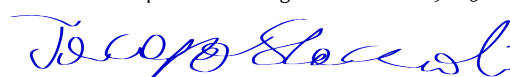
- 2017 WEHIA – 22nd Workshop on the Economic Science with Heterogeneous Interacting Agents, Università Cattolica del Sacro Cuore, Milano, Italy.
- 2017 International Workshop on Economic Growth, Macroeconomic Dynamics and Agents' Heterogeneity, Department of Economics, European University at Saint Petersburg, 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 22nd 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.



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.

Further education

2017	Big Data Finance Winter School and Conference, University of Zurich, Switzerland.
2016	Summer School of Mathematics for Economics and Social Sciences " <i>Stochastic processes and stochastic calculus with application to economics and finance</i> ", 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 " <i>Information theory and econophysics</i> ", 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 " <i>Dynamical systems and bifurcation theory</i> ", Centro di Ricerca Matematica Ennio De Giorgi – Scuola Normale Superiore, S. Miniato, Italy.



Language skills

Mother tongue(s)

Italian

*Self-assessment
European level^(*)*

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

English

French

^(*)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).

Computer skills¹

Programming languages

C / C++, Python / Anaconda², UNIX shell, R (EXPERT)
Stata[®], SAS[®], MATLAB[®] / OCTAVE, Fortran, gnuplot, SQL, Excel[™], Java[™] (PROFICIENT)

Operating systems

GNU/LINUX (EXPERT)
Windows[™], macOS[™] (PROFICIENT)
BSD, illumos (ADV. BEGINNER)

Typesetting and productivity

L^AT_EX/ X_ƎL_AT_EX, PGF/Tikz (EXPERT)
Office[™], 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.

¹Expertises 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].

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