Curriculum Vitæ atque Studiorum*

JACOPO STACCIOLI, PHD
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last update: November 2026

PERSONAL DETAILS

Citizenship: Italian
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CURRENT POSITIONS

since 2026: Associate Professor of Economic Policy (*s.s.d.* ECON-02/A) at the Department of Economic Policy, Catholic University of Milan, Italy

since 2021: Fellow at the Global Labor Organization (GLO)

since 2019: Affiliate Professor at the Institute of Economics, Sant'Anna School of Advanced Studies, Pisa, Italy

QUALIFICATIONS

since 2025: Qualification (*Abilitazione Scientifica Nazionale*) to serve as Full Professor (*Professore di I fascia*) of Economic Policy (*s.c.* 13/A2 – *Politica Economica*) granted by the Ministry of University and Research, Italy

since 2023: Qualification (*Abilitazione Scientifica Nazionale*) to serve as Associate Professor (*Professore di II fascia*) of Economics (*s.c.* 13/A1 – *Economia Politica*), Economic Policy (*s.c.* 13/A2 – *Politica Economica*), and Applied Economics (*s.c.* 13/A4 – *Economia Applicata*) granted by the Ministry of University and Research, Italy

since 2021: Qualification to serve as Associate Professor of Economics (*Maître de Conférences en Sciences économiques*) granted by the Conseil National des Universités, France

*An updated copy of this curriculum, the corresponding EUROPASS version, and PGP digital signatures are retrievable at https://staccioli.org/curriculum

Previous positions

2024–2026: Tenure-track Assistant Professor of Economic Policy (*s.s.d.* ECON-02/A) at the Department of Economic Policy, Catholic University of Milan, Italy

2021–2024: Assistant Professor of Economic Policy (*s.s.d.* ECON-02/A) at the Department of Economic Policy, Catholic University of Milan, Italy

from a.y. 2020–21 to a.y. 2022–23: Adjunct Professor at the Department of Economics, Management and Quantitative Methods, University of Milan, Italy

2022–2023: External Consultant to the Prevention and Research Unit, European Agency for Safety and Health at Work – EU-OSHA, Bilbao, Spain

2022: External Consultant to the World Bank Trade and Competitiveness Global Practice, Washington, DC, USA

2020–2022: External Consultant to the OECD Directorate for Science, Technology and Innovation, Paris, France

2018–2021: Postdoctoral Researcher at the Department of Economic Policy, Catholic University of Milan, Italy

2018: Visiting Fellow (2 months) at the Department of Statistics, London School of Economics and Political Science, London, UK

2017: Visiting Fellow (1 year) at OFCE (Observatoire Français des Conjonctures Économiques) – Sciences Po, Sophia Antipolis, France

2015: Visiting Fellow (1 month) at BETA (Bureau d'Economie Théorique et Appliquée), University of Strasbourg, France

2014: Visiting Fellow (2 months) at the Faculty of Business Administration and Economics, University of Bielefeld, Germany

Education

2019: Ph.D. in Economics (*summa cum laude*), Sant'Anna School of Advanced Studies, Pisa, Italy
Thesis: *Essays on the emergence of endogenous financial fluctuations*
Supervisor: Prof. Giovanni Dosi

2014: M.Sc. in Economics, University of Pisa and Sant'Anna School of Advanced Studies, 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: Economics of Innovation and Technical Change (Labour-Saving Technologies, Industry 4.0, Patent Analysis), Computational Economics (Natural Language Processing, Big-Data Analytics, Agent-Based Models) Labour Economics (Technological Unemployment, Industrial Relations), Financial Economics (Asset Pricing, Market Interaction, High Frequency Trading)

Publications in peer reviewed journals

Staccioli, Jacopo, and Maria Enrica Virgillito (2025) "Will your boss be an algorithm? A patent-based analysis of artificial intelligence worker management technologies and labour exposure". *Eurasian Business Review* 15, pp. 1003–1033. DOI: 10.1007/s40821-025-00317-7

Rughi, Tommaso, Jacopo Staccioli, and Maria Enrica Virgillito (2025) "Labour-saving heuristics in green patents: a natural language processing analysis". *Ecological Economics* 230, 108497. DOI: 10.1016/j.ecolecon.2024.108497

Cirillo, Valeria, Francesco Massimo, Matteo Rinaldini, Jacopo Staccioli, and Maria Enrica Virgillito (2025) "Monopoly power upon the world of work: a workplace analysis in the logistic segment under automation". *Review of Political Economy* 37(4), pp. 1599–1631. DOI: 10.1080/09538259.2024.2419611

Corrocher, Nicoletta, Daniele Moschella, Jacopo Staccioli, and Marco Vivarelli (2024) "Innovation and the Labor Market: Theory, Evidence and Challenges". *Industrial and Corporate Change* 33(3), pp. 519–540. DOI: 10.1093/icc/dtad066

Montobbio, Fabio, Jacopo Staccioli, Maria Enrica Virgillito, and Marco Vivarelli (2024) "Labour-saving automation: a direct measure of occupational exposure". *World Economy* 47(1), pp. 332–361. DOI: 10.1111/twec.13522

Montobbio, Fabio, Jacopo Staccioli, Maria Enrica Virgillito, and Marco Vivarelli (2024) "The empirics of technology, employment and occupations: lessons learned and challenges ahead". *Journal of Economic Surveys* 38(5), pp. 1622–1655. DOI: 10.1111/joes.12601

Cirillo, Valeria, Matteo Rinaldini, Jacopo Staccioli, and Maria Enrica Virgillito (2023) "Trade unions' responses to Industry 4.0 amid corporatism and resistance". *PSL Quarterly Review* 76(305), pp. 91–120. DOI: 10.13133/2037-3643/18083

Dosi, Giovanni, Luigi Marengo, Jacopo Staccioli, and Maria Enrica Virgillito (2023) "Big Pharma and monopoly capitalism: A long-term view". *Structural Change and Economic Dynamics* 65, pp. 15–35. DOI: 10.1016/j.strueco.2023.01.004

Santarelli, Enrico, Jacopo Staccioli, and Marco Vivarelli (2023) "Automation and Related Technologies: A Mapping of the New Knowledge Base". *Journal of Technology Transfer* 48(2), pp. 779–813. DOI: 10.1007/s10961-021-09914-w

Montobbio, Fabio, Jacopo Staccioli, Maria Enrica Virgillito, and Marco Vivarelli (2022) "Robots and the origin of their labour-saving impact". *Technological Forecasting and Social Change* 174, 121122. DOI: 10.1016/j.techfore.2021.121122

Staccioli, Jacopo and Mauro Napoletano (2021) "An agent-based model of intra-day financial markets dynamics". *Journal of Economic Behavior & Organization* 182, pp. 331–348. DOI: 10.1016/j.jebo.2020.05.018

Cirillo, Valeria, Matteo Rinaldini, Jacopo Staccioli, and Maria Enrica Virgillito (2021) "Technology vs. workers: the case of Italy's Industry 4.0 factories". *Structural Change and Economic Dynamics* 56, pp. 166–183. DOI: 10.1016/j.strueco.2020.09.007

Staccioli, Jacopo and Maria Enrica Virgillito (2021) "Back to the past: the historical roots of labor-saving automation". *Eurasian Business Review* 11(1), pp. 27–57. DOI: 10.1007/s40821-020-00179-1

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* 46(3), pp. 347–360. DOI: 10.1007/s40812-019-00120-2

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

Publications in peer reviewed collections

Staccioli, Jacopo and Maria Enrica Virgillito (2021) "The present, past, and future of labor-saving technologies". In: *Handbook of Labor, Human Resources and Population Economics*. Ed. by Klaus F. Zimmermann. Springer. DOI: 10.1007/978-3-319-57365-6_229-1

Book chapters

Cirillo, Valeria, Francesco S. Massimo, Matteo Rinaldini, and Jacopo Staccioli (2025) "Logistics Under Automation and Digitalisation: How Technology Displaces Human Work". In: *Technology and Work in Services: Vulnerable Workers under Automation and Digitalisation*. Ed. by Valeria Cirillo, Matteo Rinaldini, and Maria Enrica Virgillito. Palgrave Macmillan. ISBN: 978-3-031-88148-0

Cirillo, Valeria, Matteo Rinaldini, Jacopo Staccioli, and Maria Enrica Virgillito (2022) "Lean production, high performance work practices e Industria 4.0". In: *Il lavoro operaio digitalizzato: inchiesta nell'industria metalmeccanica bolognese*. Ed. by Francesco Garibaldo and Matteo Rinaldini. Il Mulino. ISBN: 978-88-15-29523-1

Cirillo, Valeria, Matteo Rinaldini, Jacopo Staccioli, and Maria Enrica Virgillito (2022) "Sindacato e negoziazione delle tecnologie 4.0". In: *Il lavoro operaio digitalizzato: inchiesta nell'industria metalmeccanica bolognese*. Ed. by Francesco Garibaldo and Matteo Rinaldini. Il Mulino. ISBN: 978-88-15-29523-1

Working papers

Riccio, Federico, Jacopo Staccioli, and Maria Enrica Virgillito (2025) *European regional employment and exposure to labour-saving technical change: results from a direct text similarity measure*. LEM Working Papers series n. 19/2025

Staccioli, Jacopo, and Maria Enrica Virgillito (2024) *Worker management through AI: From technology development to the impacts on workers and their safety and health*. EU-OSHA Discussion Paper

Cirillo, Valeria, Francesco Massimo, Matteo Rinaldini, Jacopo Staccioli, and Maria Enrica Virgillito (2023) *Monopoly power upon the world of work: a workplace analysis in the logistic segment under automation*. LEM Working Papers series n. 44/2023

Corrocher, Nicoletta, Daniele Moschella, Jacopo Staccioli, and Marco Vivarelli (2023) *Innovation and the Labor Market: Theory, Evidence and Challenges*. LEM Working Papers series n. 23/2023

Rughi, Tommaso, Jacopo Staccioli, and Maria Enrica Virgillito (2023) *Climate change and labour-saving technologies: the twin transition via patent texts*. LEM Working Papers series n. 11/2023

Montobbio, Fabio, Jacopo Staccioli, Maria Enrica Virgillito, and Marco Vivarelli (2022) *The empirics of technology, employment and occupations: lessons learned and challenges ahead.* LEM Working Papers series n. 35/2022

Squicciarini, Mariagrazia and Jacopo Staccioli (2022) *Labour-saving technologies and employment levels: are robots really making workers redundant?* OECD Science, Technology and Industry Policy Paper n. 124

Montobbio, Fabio, Jacopo Staccioli, Maria Enrica Virgillito, and Marco Vivarelli (2021) *Labour-saving automation and occupational exposure: a text-similarity measure.* LEM Working Papers series n. 43/2021

Dosi, Giovanni, Luigi Marengo, Jacopo Staccioli, and Maria Enrica Virgillito (2021) *Big pharma and monopoly capitalism: A long-term view.* LEM Working Papers series n. 26/2021

Santarelli, Enrico, Jacopo Staccioli, and Marco Vivarelli (2021) *Robots, AI, and Related Technologies: A Mapping of the New Knowledge Base.* LEM Working Papers series n. 01/2021

Staccioli, Jacopo and Maria Enrica Virgillito (2020) *The present, past, and future of labor-saving technologies.* LEM Working Papers series n. 37/2020

Staccioli, Jacopo and Maria Enrica Virgillito (2020) *Back to the past: the historical roots of labour-saving automation.* LEM Working Papers series n. 34/2020

Cirillo, Valeria, Matteo Rinaldini, Jacopo Staccioli, and Maria Enrica Virgillito (2020) *Trade unions' responses to Industry 4.0 amid corporatism and resistance.* LEM Working Papers series n. 21/2020

Montobbio, Fabio, Jacopo Staccioli, Maria Enrica Virgillito, and Marco Vivarelli (2020) *Robots and the origin of their labour-saving impact.* LEM Working Papers series n. 03/2020

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.* LEM Working Papers series n. 07/2019

Cirillo, Valeria, Matteo Rinaldini, Jacopo Staccioli, and Maria Enrica Virgillito (2018) *Workers' intervention authority in Italian 4.0 factories: autonomy and discretion.* 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

Other publications

Cirillo, Valeria, Matteo Rinaldini, Maria Enrica Virgillito, Marialuisa Divella, Caterina Manicardi, Francesco Sabato Massimo, Armanda Cetrulo, Eleonora Costantini, Angelo Moro, and Jacopo Staccioli (2022) *Case studies of automation in services: A workplace analysis of logistics, cleaning and health sectors in Italy.* JRC129691 – Publications Office of the European Union, Luxembourg. ISBN: 978-92-76-58953-2, DOI: 10.2760/347087

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: *Industry 4.0 and its consequences for work and labour*. Ed. by Matteo Gaddi, Nadia Garbellini and Francesco Garibaldo. Fondazione Claudio Sabattini and Associazione Culturale Punto Rosso

Editorial activity

2022–2023: Guest editor for the *Industrial and Corporate Change* special section on "Technology and the Labor Market"

Reviewer for: *Applied Economics, Applied Economics Letters, Cogent Business & Management, Cogent Economics & Finance, Discover Artificial Intelligence, Economia & Lavoro, Economia Politica, Economic Research-Ekonomska Istrazivanja, Economics of Innovation and New Technology, Eurasian Business Review, Financial Innovation, Heliyon, Humanities and Social Sciences Communications, Industrial and Corporate Change, Industry and Innovation, International Journal of Computational Economics and Econometrics, International Journal of Computational Intelligence Systems, International Journal of Financial Studies, International Journal of Innovation Studies, International Journal of Manpower, Italian Economic Journal, Journal of Economic Behavior and Organization, Journal of Economic Dynamics and Control, Journal of Economic Growth, Journal of Economic Interaction and Coordination, Journal of Economic Surveys, Journal of Evolutionary Economics, Journal of Industrial and Business Economics, Journal of Infrastructure, Policy and Development, Journal of Innovation Economics and Management, Journal of King Saud University – Computer and Information Sciences, Journal of Technology Transfer, Journal of the Knowledge Economy, Lexia, Papers in Regional Science, Recent Patents on Nanotechnology, Regional Studies, Research in Economics, Review of Evolutionary Political Economy, Scientific Reports, Small Business Economics, Structural Change and Economic Dynamics, Systems, Technological Forecasting and Social Change*

Research projects

since 2026: Principal investigator of *FemLab@AI - Female Labour in AI-managed workplaces*, Fondazione Cariplo's Inequalities Research – Generating new knowledge to reduce inequalities (grant no. 2025-1057)

2024–2026: Contributor to *Triple T – Tackling a just Twin Transition: a complexity approach to the geography of capabilities, labour markets and inequalities*, Italian Ministry of Education, University, and Research's PRIN (*"Progetti di ricerca di Rilevante Interesse Nazionale"*, grant no. 2022B5S5J)

2023–2026: Contributor to *DIGITWORK – The Digital Transition and the World of Work: Labour Markets, Organizations, Job Quality and Industrial Relations*, Italian Ministry of Education, University, and Research's PRIN (*"Progetti di ricerca di Rilevante Interesse Nazionale"*, grant no. 2022Z78M8J)

2021–2023: Member of *Technological change, industry evolution, and employment dynamics*, Italian Ministry of Education, University, and Research's PRIN (*"Progetti di ricerca di Rilevante Interesse Nazionale"*) (grant no. 201799ZJSN)

2021–2022: Member of *Case studies of Automation in services*, European Commission's JRC Tender (grant no. JRC/SVQ/2020/LVP/1925-ExA)

2019–2022: Contributor to *GROWINPRO – Growth, Welfare, Innovation, Productivity*, European Union's Horizon 2020 Project (grant no. 822781)

2020–2021: Member of *Mapping AI-related augmenting and labour saving technologies*, coordinated by the Directorate for Science, Technology, and Innovation, OECD, financed by the Ministry for Labour and Social Affairs, Federal Republic of Germany

2017–2020: Member of *Industry 4.0 and its consequences for work and labour*, coordinated by Fondazione Claudio Sabattini, Bologna, Italy

2016–2018: Contributor to *DOLFINS – Distributed Global Financial Systems for Society*, European Union's Horizon 2020 Project (grant no. 640772)

Teaching

since *a.y.* 2023–24: *Economics* (introductory microeconomics and macroeconomics) undergraduate course (60 hours, in Italian), Faculty of Economics, Catholic University of Milan, Italy

since *a.y.* 2021–22: *Economic Policy* undergraduate course (60 hours, in Italian), Faculty of Economics, Catholic University of Milan, Italy

from *a.y.* 2022–23 to *a.y.* 2024–25: *Intellectual property rights and their data analysis* doctoral course (15 hours, in English), PhD Programme in Management and Innovation, Catholic University of Milan, Italy

from *a.y.* 2020–21 to *a.y.* 2022–23: *Data-driven innovation management / Data management for intellectual property rights / Intellectual property for business: strategy and analysis* graduate courses (30 hours, in English), Department of Economics, Management and Quantitative Methods, University of Milan, Italy

from *a.y.* 2019–20 to *a.y.* 2021–22: *Fiscal and monetary policy* undergraduate course (12 hours, in Italian), Faculty of Economics, Catholic University of Milan, Italy

from *a.y.* 2019–20 to *a.y.* 2020–21: *Microeconomics* (TA) undergraduate course (in Italian), Faculty of Economics, Catholic University of Milan, Italy

from *a.y.* 2016–17 to *a.y.* 2019–20: *Economics of Information* doctoral/graduate course (20 hours, in English), Institute of Economics, Sant'Anna School of Advanced Studies, Pisa, Italy

from *a.y.* 2011–12 to *a.y.* 2013–14: *Microeconomics* (TA) undergraduate course (in Italian), Department of Economics and Management, University of Pisa, Italy

Research consultancy

2022–2023: External Consultant to the Prevention and Research Unit, European Agency for Safety and Health at Work – EU-OSHA, Bilbao, Spain
PROJECT: Digital technologies for worker monitoring and management, and implications for OSH

2022: External Consultant to the World Bank Trade and Competitiveness Global Practice, Washington, DC, USA
PROJECT: The Future of Work: Implications for Equity and Growth in Europe

2020–2022: External Consultant to the OECD Directorate for Science, Technology and Innovation, Paris, France
PROJECT: Mapping AI-related augmenting and labour saving technologies

Invited talks

2023: ESCoE Conference on Economic Measurement, King's College London, UK

2023: ASTRIL – 6th International Conference of the Association for Interdisciplinary Research and Study on Labour, Roma Tre University, Italy

2022: Workshop on Automation and Digitisation in the Service Sector. University of Bari, Italy

2022: Pillars EconPol Conference "European Labor Markets: Mastering Technological and Structural Change", Representation of the Free State of Bavaria to the EU, Brussels, Belgium

2021: AI-WIPS – OECD International Conference on Artificial Intelligence in Work, Innovation, Productivity and Skills, Paris, France [online]

2021: Workshop *"Innovation, Firm Growth, and Employment: Empirical Evidence and Policy Perspectives"*, Catholic University of Milan, Italy [online]

2020: OECD Meeting of the Working Party on Industry Analysis (WPIA), Paris, France [online]

2019: EU-OSHA Expert Meeting on Digitalisation and Occupational Safety and Health, Bilbao, Spain

2018: Workshop *"A new Industrial Revolution? Labour, Technology and the Automotive Industry"*, Sant'Anna School of Advanced Studies, Pisa, Italy

Contributed talks

2025: CERIC – 3rd International Conference on Disrupting Technology, Leeds University Business School, UK

2025: ASTRIL – 8th International Conference of the Association for Interdisciplinary Research and Study on Labour, Roma Tre University, Italy

2024: SIE – 65th Annual Conference of the Italian Economic Association, University of Urbino, Italy

2024: INNOPAT – 10th Conference on the Economics of Innovation and Patenting, ZEW – Leibniz-Zentrum für Europäische Wirtschaftsforschung, Mannheim, Germany

2022: Workshop "New technologies, eco-innovation, and productivity: Does Innovation Efficiency matter?", University of Patras, Athens, Greece

2022: GEOINNO – 6th Geography of Innovation Conference, Bocconi University, Milan, Italy

2021: SIE – 62nd Annual Conference of the Italian Economic Association, University of Turin, Italy [online]

2021: EAEPE – 33rd Annual Conference of the European Association for Evolutionary Political Economy, Parthenope University of Naples, Italy [online]

2021: ISS – 18th International Schumpeter Society Conference, Luiss Guido Carli, Rome, Italy [online]

2021: ENEF – 17th European Network on the Economics of the Firm Workshop, Bergamo, Italy [online]

2020: GEOINNO – 5th Geography of Innovation Conference, University of Stavanger, Norway

2019: CONCORDi – 7th European Conference on Corporate R&D and Innovation, European Commission, Seville, Spain

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

2019: Workshop on Innovation, firm dynamics, employment and growth, University of Greenwich, London, UK

2019: EMAEE – European Meeting on Applied Evolutionary Economics, SPRU – University of Sussex, Brighton, UK

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

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: 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, Catholic University of Milan, 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 (University of Bordeaux) 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–Siences Po, Sophia-Antipolis, France

2015: VPDE-BRICK Workshop in Economics of Innovation, Complexity and Knowledge, Collegio Carlo Alberto, Torino, Italy

Seminar presentations

2022: Labour, Education and Technology (LET) working group, Joint Research Centre, European Commission, Seville, Spain [online]

2021: Department of Economic Policy, Catholic University of Milan, Italy

2020: OECD Committee on Industry, Innovation and Entrepreneurship (CIIE), Paris, France [online]

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

2023: Co-organiser of the Workshop *"Economics of Innovation: Where are we, how did we get here, and where are we heading?"*, Catholic University of Milan, Italy

2022: Co-organiser of the Workshop *"Technology, Employment, and Industrial Dynamics: Theory and Empirical Evidence"*, Sant'Anna School of Advanced Studies, Pisa, Italy

2021: Co-organiser of the Workshop *"Innovation, Firm Growth, and Employment: Empirical Evidence and Policy Perspectives"*, Catholic University of Milan, Italy [online]

2016: Co-organiser of the Workshop *"Freewheeling Econometrics: the Econometrics of Complex Evolving Economies"*, INET Young Scholars Initiative and Sant'Anna School of Advanced Studies, Pisa, Italy

2015: Co-organiser of the Workshop *"The Intellectual Legacy of Christopher Freeman: some contemporary challenges for economics, innovation studies, and public policy"*, Sant'Anna School of Advanced Studies, Pisa, Italy

2014: Co-organiser of the Conference *"Debunking Austerity: Towards Alternative Economic Policy Scenarios"*, INET Young Scholars Initiative and Sant'Anna School of Advanced Studies, 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 Programme in Economics, Sant'Anna School of Advanced Studies, Pisa

2016–2017: 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

2008–2014: Yearly grant for academic books purchase awarded by Banca di Cascina – Credito Cooperativo, Italy

a.y. 2011–12: 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 *"Stochastic processes and stochastic calculus with application to economics and finance"*, Centro di Ricerca Matematica Ennio De Giorgi – Scuola Normale Superiore, San 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, San 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, San Miniato, Italy

Language skills

Italian (reading, listening, speaking, writing): mother-tongue

English (reading, listening, speaking, writing): excellent

2017: **C2** level[1] language assessment by Erasmus+ Online Linguistic Support in all subjects (reading, listening, grammar, vocabulary, key communicative phrases)

French (reading, listening, speaking, writing): fluent

[1] According to CEFR: https://europass.cedefop.europa.eu/en/resources/european-language-levels-cefr

I.T. and Computer skills

Following expertises are ranked according to the Dreyfus model of skill acquisition[2]:

Programming languages	
C / C++ Python / Anaconda[3] Unix shell R	Expert
[No]SQL[4] Stata® SAS® MATLAB® / Octave Fortran gnuplot Excel™ Java™	Proficient

Operating systems	
Gnu/Linux	Expert
Windows™ macOS™	Proficient
BSD illumos	Adv. Beginner

Typesetting and productivity	
LaTeX / XeLaTeX Pgf/Tikz	Expert
Office™ / Libreoffice	Proficient
emacs Code::Blocks Eclipse	Competent

[2]The 5-level scheme reads, in improving order: Novice, Advanced Beginner, Competent, Proficient, Expert. See Dreyfus, S. (2004) The Five-Stage Model of Adult Skills Acquisition. *Bulletin of Science Technology & Society 24* (3), pp. 177–181.

[3]And several scientific libraries therein, such as `sklearn`, `numpy`, `scipy`, `matplotlib`, and pandas.

[4]Especially `MongoDB`, `MySQL`, `MariaDB`, and `PostgreSQL`.