

# Curriculum Vitae (April 2024)

## Marco Grazzi

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### Current Position

From March 2021, Full Prof., Catholic University, Milan, Department of Economic Policy. Italian ASN Habilitation for full professor also in Political Economy; Applied Economics; Econometrics

From Jan to May 2024, Distinguished Lecturer - Fulbright Chair, Univ. of Notre Dame, Indiana, US.

### Past Positions

June 2018 - Feb 2021	Associate Prof., Catholic University, Milan, Dept. of Economic Policy.
Nov 2015 - May 2018	Associate Professor, University of Bologna, Department of Economics.
Apr 2012 - Nov 2015	Assistant Professor ( <i>tenured</i> ), University of Bologna, Dept. of Economics
Mar 2008 - Apr 2012	Assistant Professor ( <i>non-tenured</i> ), Scuola Superiore Sant'Anna
Jan 2007 - Mar 2008	Post-Doc Research Fellow, Scuola Superiore Sant'Anna, Pisa

### Visiting Periods

Feb-Apr 2017	École Polytechnique Fédérale de Lausanne, EPFL (CH).
Sept-Oct 2015	Judge School of Business, University of Cambridge (UK).
Apr 2015	Department of Economics, University of Notre Dame, Indiana, USA.
Oct 2010 - Oct 2011	Visiting Professor, Università di Pisa.
Jul 2007 - Sep 2008	Visiting Professor, University of Bozen

### Education

2002 - 2006	Ph.D. in Economics and Management, Scuola Superiore Sant'Anna, Pisa. <i>Four Essays on Productivity and Cost Structures of Business Firms</i>
2005	Visiting Research Scholar, University of Pennsylvania, Wharton School
1997 - 2002	Laurea in Economics (BA) 110/110 cum laude (April 2002). University of Firenze <i>Event Study and MIB30 Changes</i> . Supervisor Franco Caparelli.

### Articles in Refereed Journals

- Caldarola, B., M. Grazzi, M. Occelli, M. Sanfilippo, 2023, *Mobile internet, skills and structural transformation in Rwanda*, Research Policy, Vol. 52:10, Article 104871. DOI: 10.1016/j.respol.2023.104871
- de Rassenfosse, G., M. Grazzi, D. Moschella, G. Pellegrino, 2022, *International patent protection and trade: Transaction-level evidence*, European Economic Review, Vol. 147:104160. DOI: 10.1016/j.euroecorev.2022.104160

- Cococcioni, M. and M. Grazzi and Le Li and F. Ponchio, 2022, *A toolbox for measuring heterogeneity and efficiency using zonotopes*, Stata Journal, Vol. 22:1, pp 25-59. DOI: 10.1177/1536867X221083854
- Grazzi, M., C. Piccardi and C. Vergari, 2022, *Turmoil over the crisis: innovation capabilities and firm exit*, Small Business Economics, Vol. 59:537-564. DOI: 10.1007/s11187-021-00485-6
- Domini, G., M. Grazzi, D. Moschella, T. Treibich, 2022, *For whom the bell tolls: The firm-level effects of automation on wage and gender inequality*, Research Policy, Vol. 51:7, Article 104533. DOI: 10.1016/j.respol.2022.104533
- Bolatto S., M. Grazzi, C. Tomasi, 2022, *Export modes and firms' adjustments to exchange rate movements*, European Economic Review, 2022, Vol. 141, 103955. DOI: 10.1016/j.euroecorev.2021.103955
- Dosi, G., M. Grazzi, L. Li, L. Marengo, S. Settepanella, 2021, *Productivity Decomposition in Heterogeneous Industries*, Journal of Industrial Economics, Vol. LXIX:3, 615-652, DOI: 10.1111/joie.12252
- Grazzi, M., D. Moschella and N. Mathew, 2021, *Making one's own way: jumping ahead in the capability space and exporting among Indian firms*, Journal of Evolutionary Economics, 31, 931-957, DOI: 10.1007/s00191-020-00718-z
- Domini, G., M. Grazzi, D. Moschella, T. Treibich, *Threats and opportunities in the digital era: Automation spikes and employment dynamics*, Research Policy, Vol. 50:7, Article 104137. DOI: 10.1016/j.respol.2020.104137
- Grazzi M., C. Piccardi and C. Vergari, 2020, *Concordance and complementarity in IP instruments*, Industry & Innovation, Vol. 27:7, pp. 756-788. DOI: 10.1080/13662716.2020.1726728
- Dosi, G., Grazzi, D. Moschella, G. Pisano and F. Tamagni, 2020, *Long-term firm growth: an empirical analysis of US manufacturers 1959-2015*, Industrial and Corporate Change. Vol. 29:2, pp. 309-332. DOI: 10.1093/icc/dtz044
- Grazzi M., C. Piccardi and C. Vergari, 2018, *Building a firm level dataset for the analysis of industrial dynamics and demography*, Journal of Economic and Social Measurement, Vol. 43:3-4, pp. 169-197. DOI: 10.3233/JEM-180456
- Grazzi M. and D. Moschella, 2018, *Small, young, and exporters: New evidence on the determinants of firm growth* Journal of Evolutionary Economics, Vol. 28:1, pp. 125-152. DOI: 10.1007/s00191-017-0523-7
- Dosi G., M. Grazzi M. and N. Mathew, 2017, *The cost-quantity relations and the diverse patterns of "learning by doing": Evidence from India*, Research Policy, Vol. 46:10, pp. 1873-1886. DOI: 10.1016/j.respol.2017.09.005
- Yu X., G. Dosi, M. Grazzi and J. Lei, 2017, *Inside the Virtuous Cycle between Productivity, Profitability, Investment and Corporate Growth: An Anatomy of China Industrialization*, Research Policy, Vol. 46:5, pp. 1020-1038. DOI: 10.1016/j.respol.2017.03.006
- Dosi G., M. Grazzi and D. Moschella, 2017, *What do firms know? What do they produce? A new look at the relationship between patenting profiles and patterns of product diversification* Small Business Economics, 48:413-429. DOI: 10.1007/s11187-016-9783-0

- Dosi G., M. Grazzi, L. Marengo and S. Settepanella, 2016, *Production theory: accounting for firm heterogeneity and technical change*, Journal of Industrial Economics, Vol. 64:4, 875-907. DOI: 10.1111/joie.12128
- Grazzi M., N. Jacoby and T. Treibich, 2016, *Dynamics of Investment and Firm Performance: Comparative evidence from manufacturing industries*, Empirical Economics, Vol. 51:1, 125-179. DOI: 10.1007/s00181-015-0991-2
- Grazzi M., and C. Tomasi, 2016, *Indirect exporters and importers*, Review of World Economics, Vol. 152:2, 251-281. DOI: 10.1007/s10290-016-0245-1
- Bernard A. B., M. Grazzi and C. Tomasi, 2015, *Intermediaries in International Trade: Products and Destinations*, Review of Economics and Statistics, vol. 97(4), pages 916-920. DOI: 10.1162/rest\_a\_00495
- Dosi G., M. Grazzi and D. Moschella, 2015, *Technology and costs in international competitiveness: from countries and sectors to firms*, Research Policy, Vol. 44:10, pp 1795-1814. DOI: 10.1016/j.respol.2015.05.012
- Settepanella, S., G. Dosi, M. Grazzi, L. Marengo, F. Ponchio, 2015, *A discrete geometric approach to heterogeneity and production theory*, Evolutionary and Institutional Economics Review, Volume 12, Issue 1, pp 223-234. DOI: 10.1007/s40844-015-0014-1
- Grazzi, M, N. Jacoby e T. Treibich, 2015, *Persistence du comportement d'investissement dans le secteur manufacturier français*, Revue d'économie industrielle, Vol. 150, 2e trimestre, 2015, 51-79. DOI: 10.4000/rei.6116
- Bottazzi, G. and M. Grazzi, *Dynamics of productivity and cost of labor in Italian Manufacturing firms*, Bulletin of Economic Research, Vol. 66, Issue S1, pp S55-S73, 2014. DOI: 10.1111/boer.12014
- Grazzi, M., R. Sanzo, A. Secchi, A. Zeli, *The building process of a new integrated system of business micro-data 1989-2004*, Journal of Economic and Social Measurement, Vol. 38:4, pp 291-324, 2013. DOI: 10.3233/JEM-140382
- Grazzi, M., *Export and firm performance: Evidence on productivity and profitability of Italian companies*, Journal of Industry, Competition and Trade, Vol. 12:4, pp 413-444, 2012. DOI: 10.1007/s10842-011-0102-9
- Dosi, G., M. Grazzi, C. Tomasi and A. Zeli, *Turbulence underneath the big calm? The micro-evidence behind Italian productivity dynamics*, Small Business Economics, Vol. 39:4, pp 1043-1067, 2012. DOI: 10.1007/s11187-011-9326-7
- Bottazzi, G., M. Grazzi, A. Secchi and F. Tamagni, *Financial and Economic Determinants of Firm Default*, Journal of Evolutionary Economics, Vol. 21:3, pp 373-406, 2011. DOI: 10.1007/s00191-011-0224-6
- Dosi, G., M. Grazzi, C. Tomasi and A. Zeli, *L'industria manifatturiera negli ultimi due decenni prima della crisi: le micro-dinamiche sottostanti ai trend aggregati*, Economia e Politica Industriale, 2011:1, pp. 63-95. DOI: 10.3280/POLI2011-011003
- Bottazzi, G., and M. Grazzi, *Wage-size relation and the structure of work-force composition in Italian Manufacturing Firms*, Cambridge Journal of Economics, Vol. 34:4, pp. 649-669, 2010. DOI: 10.1093/cje/bep046

- Dosi, G. and M. Grazzi, *On the nature of technologies: knowledge, procedures, artifacts and production inputs*, Cambridge Journal of Economics, Vol. 34:1, pp 173-184, 2010. DOI: 10.1093/cje/bep041
- Dosi, G., A. Gambardella, M. Grazzi and L. Orsenigo, *Technological Revolutions and the Evolution of Industrial Structures: Assessing the Impact of New Technologies upon the Size and Boundaries of Firms*, Capitalism and Society, Vol. 3:1, 2008 DOI: 10.2202/1932-0213.1030
- Dosi, G., and M. Grazzi, *Technologies as problem-solving procedures and technologies as input-output relations: some perspectives on the theory of production*, Industrial and Corporate Change, Vol. 15:1, pp. 173-202, 2006. DOI: 10.1093/icc/dtj010
- Bottazzi, G., M. Grazzi and A. Secchi, *Characterizing the Production Process: A Disaggregated Analysis of Italian Manufacturing Firms* (2005), Rivista di Politica Economica, Jan-Feb 2005, pp. 243-270.
- Bottazzi, G., M. Grazzi and A. Secchi, *Input Output Relations in Italian Manufacturing Firms* Physica A, Vol. 355:1, pp. 95-102, 2005. DOI: 10.1016/j.physa.2005.02.070
- M. Grazzi, *Studio di Eventi e Modifiche del MIB30 (Event Study and MIB30 Changes)*, Banche e Banchieri, 2004, Anno XXXI, 4, Luglio-Agosto, pp. 321-335.

## Chapters and Contributions in Books

- Grazzi, M., C. Piccardo, C. Vergari *Concordance and complementarity in IP instruments* in “Trademarks and Their Role in Innovation, Entrepreneurship and Industrial Organization”, ed. C. Castaldi, J. Block, M. J. Flikkema, Routledge, 2021, ISBN: 9780367706647
- Grazzi, M, *L’impatto del lockdown sull’economia italiana* in “Il mondo fragile. Scenari globali dopo la pandemia”, ed. R. Caruso and D. Palano, Vita e Pensiero, 2020, ISBN: 978-88-343-4280-0
- Grazzi, M and D. Moschella, *Firm growth, export behavior, and the age-size profile: evidence from the Italian manufacturing sector* in “Oligopolio, istituzioni e performance delle imprese = Oligopoly, institutions and firms’ performance”, ed. L. Fanti, Pisa University Press, 2017, ISBN-13: 978-886741-8121
- Dosi, G., A. Gambardella, M. Grazzi and L. Orsenigo, *Technological revolutions and the evolution of industrial structures: assessing the impact of new technologies upon the size, pattern of growth, and boundaries of firms* in “The Third Industrial Revolution in Global Business”, eds. G. Dosi and L. Galambos, Cambridge University Press, 2013, ISBN-13: 9781107028616.
- M. Grazzi, *Eterogeneità*, in “Economia e Finanza”, p. 498, Roma: Istituto della Enciclopedia italiana, 2012, ISBN: 978-88-12-00129-3
- M. Grazzi, *Fattore di produzione*, in “Economia e Finanza”, p. 519-520, Roma: Istituto della Enciclopedia italiana, 2012, ISBN: 978-88-12-00129-3
- M. Grazzi, *Produttività*, in “Economia e Finanza”, p. 301, Roma: Istituto della Enciclopedia italiana, 2012, ISBN: 978-88-12-00129-3
- Dosi, G. and M. Grazzi, *Energy, Development and the Environment: An Appraisal three decades after the “limits to growth debate”* in “Recent Advances in Neo-Schumpeterian Economics: Essays in Honour of Horst Hanusch”, eds. Pyka, A., Cantner, U., Greiner, A., and Kuhn, T., Edward Elgar, Cheltenham UK, 2009, ISBN-13: 9781847206633

- Dosi, G., A. Gambardella, M. Grazzi and L. Orsenigo, *The New Techno-Economic Paradigm and its Impact on Industrial Structure* in “Techno-Economic Paradigms: Essays in Honor of Carlota Perez”, eds. Drechsler, W., E.S. Reinert and R. Kattel, Anthem Press, 2009, ISBN-13: 978-1843317852.
- Bottazzi, G. and M. Grazzi, *Dinamiche della produttività e del costo del lavoro nelle imprese manifatturiere italiane* in “Produttività e cambiamento nell’industria italiana. Indagini quantitative”, eds. L. Rondi and F. Silva, Il Mulino, Bologna, 2009, ISBN-13: 978-88-15-13284-0.
- Bottazzi, G., M. Grazzi and A. Secchi *Characterizing the Production Process: A Disaggregated Analysis of Italian Manufacturing Firms* in “Capital Accumulation, Productivity and Growth” eds. Piga, G., and M. Malgarini, Basingstoke: Palgrave Macmillan, 2006, ISBN-13: 978-1-4039-8750-1.

## Editorial Activities

- Associate Editor, Journal of Industrial and Business Economics, since Jan 2021
- Associate Editor of Industrial and Corporate Change (ICC), since Sept. 2015.
- Expert Referee Network for the National Statistical Office, Istat, since Jan 2022
- Editorial Review Board for Small Business Economics, since Oct. 2018.
- Referee for: *Applied Economics Letters*, *Complexity*, *Data in Brief*, *Economia Politica*, *Economica*, *Economic Enquiry*, *Economic Journal*, *Emerging Markets Finance and Trade Journal*, *Eurasian Business Review*, *Industrial and Corporate Change*, *Italian Journal of Economics*, *Journal of Applied Econometrics*, *Journal of Business & Economic Statistics*, *Journal of Economic Surveys*, *Journal of Evolutionary Economics*, *Journal of Industrial and Business Economics*, *Journal of Institutional Economics*, *Journal of International Economics*, *Journal of Political Economy*, *Regional Studies*, *Research Policy*, *Review of International Economics*, *Review of World Economics*, *Rivista di Statistica Ufficiale*, *Science and Public Policy*, *Scientometrics*, *Small Business Economics*, *Structural Change and Economic Dynamics*, *Technology in Society*, *Technovation*, *The World Economy*.

## Awards, Fundings, Grants, and Other Achievements

- 2023-09 PRIN (Italian Ministry of Research), title: Green Specialization and Circularity: Constraints and Opportunities (GREESCO), local coordinator, around 122k euro.
- 2023-07 Award of the Distinguished Lecturer - Fulbright Chair, for a visiting period at Univ. of Notre Dame (Indiana, US).
- 2023-07 PRIN (Italian Ministry of Research), title: REWIND - Resilient Enterprises and Workers: leveraging INTangibles to address Disruptions, Principal Investigator, around 280k euro
- 2022-11 High quality publication award, Catholic University of the Sacred Heart
- 2021-11 CONCORDi 2021 Best Paper Award, *For whom the bell tolls: the firm-level effects of automation on wage and gender inequality*

2021-11 PON “RICERCA E INNOVAZIONE” 2014-2020, Green transition: corporate and policy implications, approximately 150K euro

2019-02 H2020 project GROWINPRO, member

2018-11 High quality publication award, Catholic University of the Sacred Heart

2015-06 SIR project “Trade, Reallocation, and Productivity during the Great Recession”, RBSI14JAFW, PI Daniele Moschella.

2015-04 Grant for International Mobility, UNIBO and Bologna Consortial Studies Program, Notre Dame Univ. (Indiana).

2014-03 Grant Fondazione Cassa di Risparmio di Forlì, co-applicant.

2010-04 Grant for Firms in international trade (Fondi d’Ateneo).

2009-04 Grant for Dynamics of Industries and firm productivity (Fondi d’Ateneo).

2006-01 Fellowship (Italian *assegno di ricerca*) Scuola Superiore Sant’Anna, for the “Analysis of the nature and emerging properties of industrial and financial markets”

2005-01 Scholarship awarded by *Alberto Predieri - CESIFIN Foundation* and spent at Wharton School (Univ. of Pennsylvania).

2004-01 Fellowship (Italian *assegno di ricerca*) for the Analysis of Dynamics in Financial and Real Markets at Scuola Superiore Sant’Anna.

2002-09 3 years Scholarship, PhD *Economics and Management* S.Anna School.

2002-04 Full tuition fee waiver (last year undergrad.), awarded by Univ. of Florence.

1999/00 *Erasmus scholarship*, visiting student at Reading Univ. and ISMA Centre (UK)

1998/99 Scholarship awarded by E.N.A.M.

### **Other research related activities: coordination, evaluation, scientific consultancies**

- External referee for project evaluation: MIUR Italy, SSHRC Canada, Swiss National Science Foundation (SNSF), ERDF ROP European Commission Fundings.
- Expert Contract, European Commission, European Innovation Council and SMEs Executive Agency, October 2023
- Scientific coordinator of the project: “TRECIDU”, granted access to French firm-level data, April 2022.
- ILO consultancy “Skill project over the life cycle”, Nov 2021
- Selection Committee, Italian region Marche, innovative projects, ERDF ROP 2014-2020 EU Fundings, June 2020
- External consultancy, EU Commission tender on international trade, Feb 2016
- Scientific coordinator of the project: “Commerce, technologie et dynamique d’emploi”, granted access to French firm-level data (March 2016).

- Scientific Committee, “Debunking Austerity: Towards Alternative Economic Policy Scenarios”, Pisa Novembre 2014, Institute of Economics (Scuola Superiore Sant’Anna) and Institute for New Economic Thinking
- Co-organizer of the 4<sup>th</sup> PhD Conference “Research in Economics”, Volterra (Pisa) 2006 and chair for the session of Industrial Dynamics.
- DIME - Dynamics of Institutions and Markets in Europe - member of the project
- Coaching and Business angel activities in academic start-up, with emphasis on “scientific” start-up in medtech and robotics

## Teaching Activities

### *Undergraduate*

From 2022-23	Economia Internazionale (8 CFU), Università Cattolica del Sacro Cuore, Milano
2017/18 to 2021-22	Politica Economica (8 CFU), Università Cattolica del Sacro Cuore, Milano
2017/18	Competition in Tourism Markets (10 CFU), BA, Univ of Bologna (in English)
2014/15 to 16-7	International Economics (10 CFU), Univ. of Bologna
2012/13; 13-4	Microeconomics (10 CFU), Univ. of Bologna
2010/11	Economic Policy (6 CFU) Univ. of Pisa, Visiting professor in Economics ( <i>Professore a contratto</i> ) Univ of Pisa.
2007/08	Advanced Micro, University of Bozen

### *Post-Graduate (Laurea Magistrale)*

from 2017/18	Economia delle Forme di Mercato (8 CFU), LM, Direzione e Consulenza Aziendale Università Cattolica del Sacro Cuore, Milano
2016/17; 18-9	Green Technology and Innovation, LM RESD, Univ. of Bologna
2015/16; 17-8	Advanced Industrial Economics (6 CFU), Univ. of Bologna
2014/15; 15-6	Economics of Competition Policy (8 CFU), Univ. of Bologna

### *Post-Graduate, Master and Doctoral level*

from 2022	PhD Course: international trade and innovation
from 2021	Introduction to Economics, Strategic Management for Global Business ALTIS, Università Cattolica del Sacro Cuore, Milano.
from 2021	Economics & Globalization, Master in Strategic Management for Global Business, Altis
from 2021	Fondamenti di Economia d’impresa, online, Executive MBA, 24-ore Business School - Altis
from 2019	Crescita Economica e Sviluppo Sostenibile, MSBA, ALTIS
in 2012/13	Macroeconomics, post-graduate, Governance of SBE in Tunisia (in French)
2007-2012	Microeconomics and Industrial Dynamics, PhD in Economics Scuola Superiore Sant’Anna, from 2007 to 2012

## Teaching activities: coordinator, supervisor, examiner

From 2020 Scientific director, Master in Sustainable Business Administration, Altis, Unicatt

From 2019 co-coordinator, Milan class, Master Degree DECA, Unicatt.

- 2016-18 Faculty member of the PhD in “Economics”, Università di Bologna
- 2011-12 Admission Committee, International Doctoral Program in Economics, Scuola Superiore Sant’Anna.
- 2008-10 Admission Committee *corsi ordinari* (Undergraduate), Scuola Superiore Sant’Anna.
- PhD Supervisor or co-supervisor for doctoral students at the University of Pisa and Scuola Superiore Sant’Anna
- PhD committee or external referee for, in Italy, IMT Lucca, Scuola Superiore Sant’Anna, University of Bologna, University of Trento; abroad, Essec Business School (Fra), Université Côte d’Azur (Fra), University of Reading (UK).

## Policy and Public Engagement

- Feb 2023 Lectures to last-year high-school students. Liceo Manzoni (Milano)
- May 2022 UN 7th Multi-stakeholder Forum on Science, Technology and Innovation for the Sustainable Development Goals, “Firm-level impacts of automation may be labour-friendly” [Link](#)
- Jan 2020 Piccolo è ancora bello? (Is small still beautiful? An assesment of Italian industrial structure) Fondazione Giangiacomo Feltrinelli, Milano.
- Nov 2019 Talk on productivity and growth, Fondazione per la Sussidiarietà, Milano.
- Jan 2017 Lezione introduttiva al commercio internazionale per gli studenti del Liceo Economico-Sociale di Bologna
- Aug 2015 “Paradigms of humanism”, roundtable, Camaldoli.
- May 2014 M. Grazzi, Innovazione e sviluppo industriale: limiti e opportunità per il sistema Italia, Italian-europei 5/2014.
- Jun 2009 Sant’Anna Science Café *Financial and real crisis*.

## Conferences and Invited Talks (selected)

- 2023 Bank of Italy workshop 2023-02-17, discussion; University of Reading **invited seminar** 2023-03-15;
- 2022 University of Siena, **invited seminar** 2022-01-19; Univ. of Cote d’Azur **invited discussion** PhD workshopr 2022-01-21; UCL, **invited lecture** on production theory, 2022-02-08, Istat-Sant’anna joint workshop **invited chair and discussant**; 2022-03-11, NHNAI Catholic University, Lyon; 2022-04-08, AIB-UK; 2022-04-28, UNU-MERIT Maastricht, **invited seminar**; 2022-05-20, ESSEC, Paris **invited seminar**; 2022-05-24 INAPP **invited discussion**.
- 2021 UCL, **invited lecture** on production theory, 2021-02-09; Boston Univ, Technology & Policy Research Initiative “For whom the bells toll...”, 2020-02-10; **invited seminar** SPRU seminar, University of Sussex, 2021-03-05; **invited seminar** Università di Torino, invited seminar, 2021-04-29; SIEPI, Parma, online, 2021-06-10; EPIP, madrid, hybrid, 2021-09-21; **invited seminar** JRC-LET, online, 2021-09-29; SIE online, 2021-10-27; Conferenza Nazionale di Statistica 2021-11-30; CONCORDi 2021- Industrial innovation for competitive sustainability 2021-11-22-25 **best paper award** For whom the bell tolls: the firm-level effects of automation on wage and gender inequality



- 2020 Lucca IMT workshop on Technology and the labour market, “For whom the bells toll [...]” (2020-12-18); **Invited seminar** Henley School of Business, Univ. of Reading, UK (2020-11-25); Nov: ITSG Ancona (online), discussant; FREIT - Empirical Trade Online Seminar, “International Patent Protection and Trade” (2020-07-15);
- 2019 Dec: **Invited seminar** University of Maastricht (Netherlands); Sep: FREIT Sardinia, Cagliari; CONCORDi, Seville (Spain); Jun: Greenwich (UK), workshop “Innovation, firm dynamics, employment and growth: new developments in modeling and estimation”; May: **Invited seminar** alla China University of Political Science and Law, Beijing, China; Mag: **Invited ICC** - Tsinghua University (China) Conference: Innovation, Macroeconomic Dynamics, Economic Development and Catch-up; Feb 2019: SIEPI 2019, Roma; Jan: **Invited seminar** IMT Lucca, “Export Modes and Adjustments to Exchange Rate Movements”
- 2018 Oct: IPSDM 2018, Alicante; Set 2018: Productivity Research Network, Asian Development Bank, Singapore; Jun: **Invited chair** 13<sup>a</sup> Conferenza Nazionale di Statistica; Jun: **Invited seminar** EU Commission - JRC Seville, “Concordance and complementarity in IP instruments”; Jan: Productivity Research Network, Asian Development Bank, Tokyo
- 2017 Nov: **Invited seminar** LUISS (Roma) Seminario “Persistence of growth revisited”; Jun: **Invited lecture** University College London (UCL) Opening Plenary “Innovation and productivity. Firm level data and industrial dynamics”; Jun: FREIT, Izola, Slovenia; May 10<sup>th</sup> EMAEE, Strasbourg; Apr: **Invited seminar** Seminario congiunto Univ. di Pisa, Scuola Sant’Anna, Theory of Production and Innovation; Mar: **Invited seminar** EPFL Lausanne; Jan: **Invited seminar** Seminario Università di Firenze
- 2016 Dec: **Invited ICC** Conference: Beyond Technological Innovation and Diffusion, Berkeley, Haas Business School; May: Trade Conference ORGANIMPRE, Forlì; Feb: Organization Science, Park City (Utah);
- 2015 Dec: **Invited** Scuola Sup. Sant’Anna, Pisa; Oct: **Invited** UCL, **Invited** SPRU-University of Sussex, **Invited** Brunel University (UK); Jun: EMAEE Conference, Maastricht; Apr: Visiting faculty a Univ. of Notre Dame (Indiana, US) e *brown bag research seminar*
- 2014 Jun: Workshop on Trade and Innovation, UniFe; Governance of a Complex World (GCW), Torino; Apr: Royal Economic Society, Manchester; Jan: Copenhagen Conference on Innovation and Entrepreneurship, Skodsborg, (invited)
- 2013 Sept: XXVIII Jornadas de Economía Industrial, Segovia, Spain.
- 2012 Dec: **Invited** First Open Economics Workshop Cambridge, UK, 17-18 Dec; Oct: **Invited** Lunch seminar Università di Pisa, lunch seminar Università di Bologna; Jun: CEPR - 4<sup>th</sup> GIST conference, 20-23 Giugno, Univ di Sassari; May: **Invited** Università di Bergamo, lunch seminar; Mar: **Invited** Universitat de Barcelona, Grup d’Anàlisi Quantitativa Regional, lunch seminar (2012-03-30);
- 2011 Dec: Trento, “Un decennio perduto? Come innescare la competitività del sistema produttivo italiano.”; SAEe (simposio) 2011 14-17 December, Málaga, Spagna; Nov: Istat (Rome) Workshop su microdati, intervento su invito; Oct: **Invited** Notre Dame University (Indiana, USA) lunch seminar: **Invited** Università di Pisa (Facoltà di Economia); Società Italiana degli Economisti (SIE) Roma; Sept: OFCE, Paris; Aug: EEA Oslo, EARIE Stockholm; Jul: Nice, France OFCE-Università di Nizza; Jun: XII Conference on Intern. Economics, Castellón de la Plana (Spain), “Intermediaries in International Trade: direct versus indirect modes of export”; Apr: Dime Conference, Maastricht (Netherlands): “Dynamics of Investment and Firm Performance: Comparative evidence in manufacturing firms.”
- 2010 Sept: **Invited** 21 Settembre, Lunch Seminar, Max Planck Institute, Jena; July: Schumpeter

- Conference, Aalborg (Denmark) June 21-24, 2010; May: **Invited** Università di Perugia, *Turbulence Underneath the Big Calm? ...* (2010-05-18)
- 2009 Dec: 2-4 December, Point à Pitre DIME Conference “Market and firm dynamics”; Oct: **Invited** 20 Ottobre HEC Liege, *Financial and Economic determinants of firm default*; Oct: CAED Tokyo, *Turbulence Underneath the Big Calm?: The Microeconomics Underlying [...]*; Jan **Invited** Lunch Seminar, Università di Bolzano, 2009-01-20
- 2008 Sept: 4-6 Sept 35th EARIE Toulouse *Financial and Economic determinants of firm default*; 2-5 July: 12th ISS Conference in Rio de Janeiro *Assessing the Impact of Financial and Economic Performance on Firm Default*; Apr 7-9: Aprile DIME Conference, BETA, Uni. Louis Pasteur, Strasbourg; Jan 17-18: Karlsruhe, Fraunhofer Institute for Systems and Innovation Research DIME workshop
- 2007 Oct-17: ISAE, Monitoring Italy 2007, Roma; Aug: Academy of Management (AOM) 2007, Philadelphia. Presentazione e coordinatore sessione *Organization and Management Theory*
- 2006 Dec: Trento Financial fragility and technological progress; Nov: European Association for Evolutionary Political Economy, EAEPE, Istanbul, Galatasaray University; Sept: Research in Economics, PhD Conference, Volterra Sept. 7-9, Co-organizer and session chair; Aug: EARIE, Amsterdam
- 2005 Jun-7: ISAE, Monitoring Italy 2005, Roma; Apr-16: University of California at Berkeley, CCC Conference; Jan: Sant’Anna School of Advanced Studies, Pisa, PhD Work in Progress Seminar
- 2004 Sept: 1<sup>st</sup> Bonzenfreies Colloquium on Market Dynamics and Quantitative Economics, Alessandria; Jul: Università di Pisa, Facoltà di Economia: *Studio di Eventi e Modifiche del MIB30*; Feb: First International Winter School on Physics of Socio-Economic Systems, Konstanz (Germany).

## Language skills

Level	Proficiency	Certificates
Italian	Mother tongue	
English	Fluent	
French	Fluent	DELF A1/A2/A3/A4
Arabic	Beginner	
Spanish	Beginner	