

# Curriculum Vitae (Nov 2020)

## Marco Grazzi

**Office:** Università Cattolica del Sacro Cuore  
Dipartimento di Politica Economica  
Largo Gemelli, 1; 20123 Milano, Italia

Phone: +39-02-72342921 Fax: +39-02-72343739  
E-mail: marco.grazzi@unicatt.it  
Homepage: <http://mgrazzi.github.io>

### Current Position

June 2018 Associate Prof., Catholic University, Milan, Department of Political Economy.  
*Abilitazioni: Full Prof. 13/A1, 13/A2, 13/A4, 13/A5*

### Past Positions

Nov 2015 - May 2018 Associate Professor, University of Bologna, Department of Economics.  
Apr 2012 - Nov 2015 Assistant Professor (*tenured*), University of Bologna, Dept. of Economics  
Mar 2008 - Apr 2012 Assistant Professor (*non-tenured*), 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.  
*Four Essays on Productivity and Cost Structures of Business Firms*  
2005 Visiting Research Scholar, University of Pennsylvania, Wharton School  
1997 - 2002 Laurea in Economics (BA) 110/110 cum laude (April 2002). University of Firenze  
*Event Study and MIB30 Changes.* Supervisor Franco Caparrelli.

### Articles in Referred Journals

- Dosi, G., M. Grazzi, L. Li, L. Marengo, S. Settepanella, *Productivity Decomposition in Heterogeneous Industries*, accepted on Journal of Industrial Economics.
- Domini, G., M. Grazzi, D. Moschella, T. Treibich, *Threats and opportunities in the digital era: Automation spikes and employment dynamics*, forthcoming in Research Policy.  
10.1016/j.respol.2020.104137
- Grazzi M., C. Piccardo and C. Vergari, (2020), *Concordance and complementarity in IP instruments*, Industry & Innovation, Vol. 27:7, pp. 756-788. 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. Piccardo 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, *Persistance 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), joint with G. Bottazzi and A. Secchi; 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, *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

- Advisory Board of the Journal of Industrial and Business Economics, since Nov 2019
- Editorial Review Board for Small Business Economics, since Oct. 2018.
- Associate Editor of Industrial and Corporate Change (ICC), since Sept. 2015.
- Referee for  
*Complexity, Economica, Economic Enquiry, Economic Journal, Emerging Markets Finance and Trade Journal, Industrial and Corporate Change, 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 World Economics, Science and Public Policy, Scientometrics, Small Business Economics, Structural Change and Economic Dynamics, The World Economy.*

## Other Scientific Activities

- External referee for project evaluation: MIUR Italy, SSHRC Canada, ERDF ROP, EU Fundings
- 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 and participant to the project on environmental innovation.

## Outside Activities

- External consultancy, EU Commission tender on international trade
- Selection Committee, Italian regions, ERDF ROP 2014-2020 EU Fundings
- Business angel activities

## Teaching Activities

from 2019/20 Crescita Economica e Sviluppo Sostenibile, Master in Sustainable Business Administration, ALTIS, Università Cattolica del Sacro Cuore, Milano.

from 2017/18 Politica Economica, Università Cattolica del Sacro Cuore, Milano.

from 2017/18 Economia delle Forme di Mercato, LM, Direzione e Consulenza Aziendale - Blended, Università Cattolica del Sacro Cuore, Milano.

2017/18 Competition in Tourism Markets, BA, Scuola di Economia, Management e Statistica, Rimini, University of Bologna (in English).

2016/17; 18-9 Green Technology and Innovation, Laura Magistrale RESD, Scuola di Economia, Management e Statistica, Rimini, University of Bologna (in English).

2015/16; 17-8 Advanced Industrial Economics, Scuola di Economia, Management e Statistica, Rimini, University of Bologna (in Italian, 6 credits)

2014/15; 15-6 Economics of Competition Policy, Part 2, Scuola di Scienze Politiche, Forlì, University of Bologna (in English, 8 credits)

2014/15 to 16-7 International Economics, Scuola di Scienze Politiche, Forlì, University of Bologna (in italiano, 10 credits).

2012/13; 13-4 Microeconomics, School of Political Science, University of Bologna-Forlì (in Italian, 10 credits).

2012/13 Macroeconomics, Post-graduate class on the Governance of SBE Tunisia (in French).

- 2010/11 Visiting professor in Economics (*Professore a contratto*) Faculty of Political Science, Pisa. Microeconomics and Macroeconomics for undergraduates (in Italian, 6 credits).
- 2007/08 Visiting Professor at the University of Bozen, Economics 2A (advanced micro, in English)
- 2008-10 Admission Committee *corsi ordinari* (Undergraduate), Scuola Superiore Sant'Anna.

## Teaching activities - coordination and supervision

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

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

From March 2016 to May 2018 Faculty member of the PhD in “Economics”, Università di Bologna

PhD Supervision: Nanditha Mathew (co-supervision)

PhD Dissertation Committee: Gaia Rocchetti, Matteo Barigozzi, Daniele Moschella, Fernando Sossdorf

Admission Committee, International Doctoral Program in Economics, Scuola Superiore Sant’Anna, 2011-12.

Teaching at the PhD in Economics, Scuola Superiore Sant’Anna (Microeconomics and Industrial Dynamics) from 2007 to 2012.

## Fundings, Grants, and Other Attainments

- Feb 2019 H2020 project GROWINPRO, member
- Jun 2015 SIR project “Trade, Reallocation, and Productivity during the Great Recession”, RBSI14JAFW, PI Daniele Moschella.
- Apr 2015 Grant for International Mobility, UNIBO and Bologna Consortial Studies Program, Notre Dame Univ. (Indiana).
- Mar 2014 Grant Fondazione Cassa di Risparmio di Forlì, co-applicant.
- Apr 2010 Grant for Firms in international trade (Fondi d’Ateneo).
- Apr 2009 Grant for Dynamics of Industries and firm productivity (Fondi d’Ateneo).
- Jan 2006 Fellowship (Italian *assegno di ricerca*) Scuola Superiore Sant’Anna, for the “Analysis of the nature and emerging properties of industrial and financial markets”
- Jan 2005 Scholarship awarded by *Alberto Predieri - CESIFIN Foundation* and spent at Wharton School (Univ. of Pennsylvania).
- Jan 2004 Fellowship (Italian *assegno di ricerca*) for the Analysis of Dynamics in Financial and Real Markets at Scuola Superiore Sant’Anna.
- Sep 2002 3 years Scholarship, PhD *Economics and Management* S. Anna School.
- Apr 2002 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.

## Public Engagement

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*.

Public Debate and outreach, see my personal webpage.

## Conferences and Invited Talks

Jul 2020 Empirical Trade Online Seminar, “International Patent Protection and Trade”

Dec 2019 **Invited** Seminar at the University of Maastricht (Netherlands).

Sep 2019 FREIT Sardinia, Cagliari; CONCORDi, Seville (Spain)

Jun 2019 Greenwich (UK), workshop “Innovation, firm dynamics, employment and growth: new developments in modeling and estimation”

May 2019 **Invited** Seminar at the China University of Political Science and Law, Beijing, China.

May 2019 **Invited** ICC - Tsinghua University (China) Conference: Innovation, Macroeconomic Dynamics, Economic Development and Catch-up

Feb 2019 SIEPI 2019, Roma.

Jan 2018 **Invited** IMT Lucca, “Export Modes and Adjustments to Exchange Rate Movements”

Oct 2018 IPSDM 2018, Alicante

Sep 2018 Productivity Research Network, Asian Development Bank, Singapore

Jun 2018 **Invited** 13<sup>a</sup> Conferenza Nazionale di Statistica

Jun 2018 **Invited** EU Commission - JRC Seville, “Concordance and complementarity in IP instruments”

Jan 2018 Productivity Research Network, Tokyo, Jan 11-12

Nov 2017 **Invited** LUISS (Roma) “Persistence of growth revisited”

Jun 2017 **Invited** University College London (UCL) - Opening Plenary “Innovation and productivity. Firm level data and industrial dynamics”

Jun 2017 FREIT, Izola, Slovenia

May 2017 10<sup>th</sup> EMAEE, Strasbourg

Apr 2017 **Invited** Joint Research Seminar Univ. di Pisa, Scuola Sant’Anna, Theory of Production and Innovation (invited)

Mar 2017 **Invited** Seminar at EPFL Lausanne  
 Jan 2017 **Invited** Seminar at Università di Firenze  
 Dec 2016 **Invited** ICC Conference: Beyond Technological Innovation and Diffusion  
 May 2016 Trade Conference ORGANIMPRE, Forlì.  
 Feb 2016 Organization Science, Park City (Utah, US).  
 Dec 2015 **Invited** Scuola Sup. Sant'Anna, Pisa.  
 Oct 2015 **Invited** UCL, **Invited** SPRU-University of Sussex, **Invited** Brunel University (UK).  
 Jun 2015 EMAEE Conference, Maastricht.  
 Apr 2015 Visiting faculty at Univ. of Notre Dame (Indiana, US) and brown bag research seminar.  
 Jun 2014 Workshop on Trade and Innovation, UniFe; Governance of a Complex World (GCW), Torino  
 Apr 2014 Royal Economic Society, Manchester.  
 Jan 2014 Copenhagen Conference on Innovation and Entrepreneurship, Skodsborg, (invited).  
 Sep 2013 XXVIII Jornadas de Economía Industrial, Segovia, Spain.  
 Dec 2012 **Invited** First Open Economics Workshop Cambridge (UK), December 17-18 (invited).  
 Oct 2012 **Invited** Lunch seminar University of Pisa, lunch seminar University of Bologna.  
 Jun 2012 CEPR - 4<sup>th</sup> GIST conference, June 20-23, Univ of Sassari.  
 Mar 2012 **Invited** Universitat de Barcelona, Grup d'Anàlisi Quantitativa Regional, lunch seminar.  
 May 2012 **Invited** University of Bergamo, invited lunch seminar.  
 Dec 2011 **Invited** Trento, "The lost decade of Italian Manufacturing". SAEe 2011 December 14-17  
 Málaga, Spain.  
 Nov 2011 **Invited** Istat (Rome) Workshop on microdata.  
 Oct 2011 **Invited** Notre Dame University (Indiana, USA). **Invited** University of Pisa. and Società Italiana degli Economisti (SIE) Roma.  
 Sep 2011 OFCE, Paris.  
 Aug 2011 EEA Oslo, EARIE Stockholm  
 Jul 2011 Nice, France OFCE-University of Nice.  
 Jun 2011 XII Conference on Intern. Economics, Castellón de la Plana (Spain), "Intermediaries in International Trade: direct versus indirect modes of export".  
 Apr 2011 Dime Conference, Maastricht (Netherlands): "Dynamics of Investment and Firm Performance: Comparative evidence in manufacturing firms." joint with N. Jacoby and T. Treibich.  
 Sep 2010 **Invited** Sep 21<sup>th</sup> Max Planck Institute, Jena, Lunch Seminar.  
 Jul 2010 ISS - Schumpeter Conference, Aalborg (Denmark).  
 May 2010 **Invited** May 18<sup>th</sup> Lunch Seminar, Faculty of Economics, University of Perugia.  
 Dec 2009 December 2-4, Point à Pitre DIME Conference "Market and firm dynamics".  
 Oct 2009 **Invited** Oct 20, HEC Liege, Financial and Economic determinants of firm default  
 Oct 2009 CAED Tokyo, Turbulence Underneath the Big Calm? The Microeconomics Underlying [...]  
 Jun 2009 June 18, *Financial and Real crisis*, Sant'Anna Science Cafè.  
 Jan 2009 **Invited** University of Bozen, *Financial and Economic determinants of firm default*, Jan 20<sup>th</sup>  
 [continues]