

Curriculum Vitae (Feb 2019)

Marco Grazzi

Place and Date of Birth: Florence, 18.06.1978
Italian Citizenship. Married
Office: Università Cattolica del Sacro Cuore
Dipartimento di Politica Economica

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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, Department 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 Positions

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.
1999 - 2000 Erasmus fellowship 9 months. University of Reading (UK), Faculty of Economics.
1997 High School diploma, Firenze (60/60).

Articles in Referred Journals

1. Grazzi M., C. Piccardo and C. Vergari, forthcoming, *Building a firm level dataset for the analysis of industrial dynamics and demography*, Journal of Economic and Social Measurement DOI: 10.3233/JEM-180456

2. 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 10.1007/s00191-017-0523-7
3. 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
4. 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
5. 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
6. 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
7. 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
8. 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
9. 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
10. 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
11. 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
12. 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
13. 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
14. 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
15. 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

16. 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
17. 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
18. 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
19. 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
20. 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
21. 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
22. 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
23. 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.
24. 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
25. 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

- 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 of Industrial and Corporate Change (ICC), since Sept 2015.
- Referee for *Economia e Politica Industriale*, *Economica*, *Economic Enquiry*, *Economic Journal*, *Emerging Markets Finance and Trade Journal*, *Industrial and Corporate Change*, *Journal of Applied Econometrics*, *Journal of Economic Surveys*, *Journal of Evolutionary Economics*, *Journal of Institutional Economics*, *Research Policy*, *Science and Public Policy*, *Small Business Economics*, *Structural Change and Economic Dynamics*.

Other Scientific Activities

- 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
- External referee for research project evaluation: MIUR Italy, SSHRC Canada.
- Research activity at the Laboratory of Economics and Management at the Scuola Superiore Sant'Anna, Pisa and at enter for the Analysis of Financial and Economic Dynamics (CAFED). Main topics of research are industrial and financial economics.
- Joint research project with the National Office of Statistics (ISTAT).
- Co-organizer of the 4th 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
- Business angel, start-up MMI, <http://www.mmimicro.com/>

Teaching Activity

- 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.

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

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 Research grant, 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.

2000/01 Student Representative for the University 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

Gen 2017 Lezione introduttiva al commercio internazionale per gli studenti del Liceo Economico-Sociale di Bologna

Mag 2014 M. Grazzi, Innovazione e sviluppo industriale: limiti e opportunità per il sistema Italia, Italian-ieuropi 5/2014.

Giu 2009 18 Giugno Sant'Anna Science Café *Financial and real crisis*.

Conferences and Invited Talks

Feb 2019 SIEPI 2019, Roma.

Gen 2018 **Invited** IMT Lucca, "Export Modes and Adjustments to Exchange Rate Movements"

Ott 2018 IPSDM 2018, Alicante

Set 2018 Productivity Research Network, Asian Development Bank, Singapore

Giu 2018 **Invited** 13^a Conferenza Nazionale di Statistica

Giu 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 10th 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

Oct 2016 Societa' Italiana degli Economisti (SIE), Bocconi, Milano.

May 2016 Trade Conference ORGANIMPRE, Forlì.

Feb 2016 Organization Science, Park City (Utah, US).

Dic 2015 **Invited** Scuola Sup. Sant'Anna, Pisa.

Ott 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 - 4th 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 21th Max Planck Institute, Jena, Lunch Seminar.

Jul 2010 ISS - Schumpeter Conference, Aalborg (Denmark).

May 2010 **Invited** May 18th 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 20th
- Sep 2008 35th EARIE, Toulouse, Sept 4-6; *Financial & Economic determinants of firm default*
- Jul 2008 12th ISS Conference in Rio de Janeiro, July 2-5, 2008; *Assessing the Impact of Financial and Economic Performance on Firm Default*.
- Apr 2008 DIME Conference, BETA, Uni. Louis Pasteur, Strasbourg, 7-8-9th April, 2008.
- Jan 2008 DIME workshop "Empirical analyses of environmental innovation", Fraunhofer Institute for Systems and Innovation Research ISI in Karlsruhe, Jan. 17-18 2008: *Energy, Development, and the Environment: An Appraisal Three Decades After the "Limits to Growth" Debate*.
- Oct 2007 ISAE, Monitoring Italy 2007, Roma October 18.
- Aug 2007 Academy of Management (AOM) 2007, Philadelphia. Presenter and session chair, *Organization and Management Theory*
- Dec 2006 Financial fragility and technological progress, Trento December 14-15, 2006: *Wage structure in Italian manufacturing firms*
- Nov 2006 European Association for Evolutionary Political Economy, EAEPE, Istanbul, Galatasaray University, November 2-6, 2006.
- Sep 2006 Research in Economics, PhD Conference, Volterra 7-9 Settembre 2006. Co-organizer and Chair. Industrial Dynamics session.
- Aug 2006 EARIE, Amsterdam, August, 27th 2006: *Diverse micro performances and diverse technological capabilities: some further evidence and a suggested interpretation*
- Jun 2005 ISAE, Monitoring Italy 2005, Roma, June 7th 2005: *Characterizing the Production Process: A Disaggregated Analysis of Italian Manufacturing Firms*
- Apr 2005 University of California at Berkeley, CCC Conference, April 16th 2005: *From the Production Process to Productivity Decomposition*.
- Jan 2005 Sant'Anna School of Advanced Studies, Pisa, PhD Work in Progress Seminar: *Characterizing the Production Process: A Disaggregated Analysis of Italian Manufacturing Firms*.
- Sep 2004 First Bonzenfreies Colloquium on Market Dynamics and Quantitative Economics, Alessandria, Italy *Productivity Dynamics in Italian Manufacturing Firms: Preliminary analysis*.
- Jul 2004 University of Pisa, Faculty of Economics *Event Study and MIB30 Changes*
- Feb 2004 First International Winter School on Physics of Socio-Economic Systems, Konstanz (Germany). *Industrial Dynamics: from Size Distribution to Productivity Analysis*

Language skills

Level	Proficiency	Certificates
Italian	Mother tongue	
English	Fluent	
French	Fluent	DELTA A1/A2/A3/A4
Arabic	Beginner	Beginner course (at Scuola Normale Superiore)
Spanish	Beginner	Spanish 110 at UPenn

I.T. Skills

Operating Systems	Linux, Windows, Dos, Unix
Office Applications	Microsoft Office, LibreOffice
Other Packages	Matlab, Stata, R, SAS, Gnuplot
Text e Word Processing	Gawk, Gbutils, L ^A T _E X, Sed
Programming Languages	Python (beginner)

Other Information

New York Marathon finisher 2005.

Basketball player, *Juniors* Championship National Final in 1996/97 with Firenze Basket.