

# Curriculum Vitae (Feb 2017)

## Marco Grazzi

Place and Date of Birth: Florence, 18.06.1978  
Italian Citizenship. Married  
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Università di Bologna  
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### Current Position

Nov 2015 Associate Prof., University of Bologna, Department of Economics.

### Past Positions

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

Sept-Oct 2015 Visiting Professor, University of Cambridge, UK.  
Apr 2015 Visiting Professor, 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).

### Works Under Revision

- *Small, young, and exporters: New evidence on the determinants of firm growth*, joint with Daniele Moschella, 2016, DSE WP 1068.
- *The cost-quantity relations and the diverse patterns of 'learning by doing': Evidence from India*, joint with Giovanni Dosi and Nanditha Mathew, LEM Papers Series 2016/26.

- *Inside the Virtuous Cycle between Productivity, Profitability, Investment and Corporate Growth: An Anatomy of China Industrialization*, joint with Yu Xiaodan, Giovanni Dosi and Jiasu Lei, 2015, DSE WP 1006.

## Articles in Referred Journals

- 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), 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

- 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.

## Other Research and Editorial Activities

- Scientific coordinator of the project: “Commerce, technologie et dynamique d’emploi”, granted access to French firm-level data (March 2016).
- Associate Editor of Industrial and Corporate Change (ICC), since Sept 2015.
- 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 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.
- Referee for *Economia e Politica Industriale*, *Economic Enquiry*, *Economic Journal*, *Emerging Markets Finance and Trade Journal*, *Industrial and Corporate Change*, *Journal of Evolutionary Economics*, *Journal of Institutional Economics*, *Research Policy*, *Science and Public Policy*, *Small Business Economics*, *Structural Change and Economic Dynamics*.

## Teaching Activity

- 2016/17 Green Technology and Innovation, corso di Laura Magistrale RESD, Scuola di Economia, Management e Statistica, Rimini, Università di Bologna (in inglese).
- 2016/17 Economia Industriale Avanzata (6 crediti), corso di Laura Magistrale AEGI, Scuola di Economia, Management e Statistica, Rimini, Università di Bologna (in italiano).
- 2016/17 Economia Internazionale (10 crediti), corso di Laura SID, Scuola di Scienze Politiche, Forlì, Università di Bologna (in italiano).
- 2015/16 Advanced Industrial Economics, Scuola di Economia, Management e Statistica, Rimini, Università di Bologna (in Italian, 6 credits)

- 2015/16 Economics of Competition Policy, Part 2, Scuola di Scienze Politiche, Forlì, Università di Bologna (in English, 8 credits)
- 2015/16 International Economics, Scuola di Scienze Politiche, Forlì, Università di Bologna (in italiano, 10 credits).
- 2016 Faculty member (“Collegio docenti”) of the PhD in Economics, Unibo.
- 2014/15 Economics of Competition Policy, Part 2, Scuola di Scienze Politiche, Forlì, Università di Bologna (in English, 8 credits)
- 2014/15 International Economics, Scuola di Scienze Politiche, Forlì, Università di Bologna (in italiano, 10 credits).
- 2013/14 Microeconomics, School of Political Science, University of Bologna-Forlì (in Italian, 10 credits).
- 2012/13 Microeconomics, School of Political Science, University of Bologna-Forlì (in Italian, 10 credits).
- 2013 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).
- 2007-12 Lecturer within the PhD programme in Economics, Scuola Superiore Sant’Anna. Production and Consumer Theory; Industrial dynamics (in English).
- 2007/08 Visiting Professor at the University of Bozen, Economics 2A (advanced microeconomics, in English)

## Fundings, Grants, and Other Attainments

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

## Conferences and Invited Talks

- May 2016 Trade Confernce ORGANIMPRE, Forlì.  
Feb 2016 Organization Science, Park City (Utah, US).  
Dic 2015 Scuola Sup. Sant'Anna, Pisa.  
Ott 2015 UCL, SPRU-University of Sussex, 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 First Open Economics Workshop Cambridge (UK), December 17-18 (invited).  
Oct 2012 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 Universitat de Barcelona, Grup d'Anàlisi Quantitativa Regional, lunch seminar.  
May 2012 University of Bergamo, invited lunch seminar.  
Dec 2011 Trento, "The lost decade of Italian Manufacturing", invited talk. SAEe 2011 December 14-17  
Málaga, Spain.  
Nov 2011 Istat (Rome) Workshop on microdata, invited talk.  
Oct 2011 Notre Dame University (Indiana, USA) invited talk. University of Pisa (invited talk). and  
Società Italiana degli Economisti (SIE) Roma.  
Sep 2011 OFCE, Paris.  
Aug 2011 EEA Oslo, EARIE Stockolm  
Jul 2011 Nice, France OFCE-University of Nice.  
Jun 2011 XII Conference on Intern. Economics, Castellón de la Plana (Spain), "Intermediaries in Inter-  
national 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 Sep 21<sup>th</sup> Max Planck Institute, Jena, Lunch Seminar.  
Jul 2010 ISS - Schumpeter Conference, Aalborg (Denmark).  
May 2010 May 18<sup>th</sup> Lunch Seminar, Faculty of Economics, University of Perugia.  
Dec 2009 December 2-4, Point á Pitre DIME Conference "Market and firm dynamics".  
Oct 2009 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 University of Bozen, *Financial and Economic determinants of firm default*, Jan 20<sup>th</sup>



- Sep 2008 35<sup>th</sup> 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: *Wage structure in Italian manufacturing firms*
- 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, Cost Structure and Productivity in Italian Manufacturing Firms.
- Aug 2007 Academy of Management (AOM) 2007, Philadelphia. Presenter and session chair.
- 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.
- Aug 2006 EARIE, Amsterdam, August, 27<sup>th</sup> 2006: *Diverse micro performances and diverse technological capabilities: some further evidence and a suggested interpretation*
- Jun 2005 ISAE, Monitoring Italy 2005, Roma, June 7<sup>th</sup> 2005: *Characterizing the Production Process: A Disaggregated Analysis of Italian Manufacturing Firms*
- Apr 2005 University of California at Berkeley, CCC Conference, April 16<sup>th</sup> 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	DELFL 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 <sup>A</sup> T <sub>E</sub> 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.