Massimo Del Gatto

- Curriculum Vitae -

Professor of Economics

"G.d'Annunzio" University, Pescara – "LUISS G. Carli" University, Rome

Name: Massimo
Surname: Del Gatto
Place and Date of Birth: Pescara (Italy), 20th July 1971
Sex: Male
Citizenship: Italian (Tax Code: DLGMSM71L20G482S)
Family Status: Married, two children (born July 2007 - November 2010)

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Fields of interest

International Trade and Global Markets; Productivity Analysis; Firm Competitiveness and Benchmarking; Technical Change and Technology Adoption; Geographical Economics and Statistics.

Affiliations - Research Networks

LUISS Guido Carli, CRENoS - Centre for North-South Economic Research), GBN - Global Benchmarking Network, Urban Economics Association, ETSG - European Trade Study Group, ISGEP - International Research Group on Exports and Productivity, CompNet – Competitiveness Research Network European Central Bank, FREIT - Forum for Research in Empirical International Trade, Royal Economic Society, RSAI - Regional Science Association International, AISRE - Associazione Italiana di Scienze Regionali.

EDUCATION - ACTIVITIES (in brief)

Positions

Current positions: "G.d'Annunzio" Univ, Dept of Economics: *Full Professor of Economics* (Professore ordinario di Economia Politica - SECS P/01); LUISS Guido Carli: *Adjunct Professor*, Economic Growth and Development.

Past positions: "G. d'Annunzio" Univ, Dept of Economics: *Associate Professor of Economics*, *Assistant Professor of Economics*; Univ of Cagliari, Faculty of Political Science: *Assistant Professor of Economics* (2005-2008); Univ of Bologna: *Adjunct Professor* (2004-2005); Univ of Bologna: *Research Fellow* (2003-2004); G.Tagliacarne Institute, Rome: *Economist* (1998);

National Scientific Qualifications as Full Professor (ASN - Abilitazione Scientifica Professionale di prima fascia): Economics (13A/1-SECSP/01 Economia Politica); Economic Policy (13A/2-SECSP/02 Politica Economica); Applied Economics (13A/4-SECS P/06 Economia Applicata);

M|RESEARCH - Data Analysis, Spin-Off from "G.d'Annunzio" Univ: Chairman

Teaching

Undergraduate: *Economic Growth and Development* (LUISS Guido Carli); *Macroeconomics* (G.d'Annunzio Univ; Univ of Bologna); *International Economics* (G.d'Annunzio Univ, Univ of Cagliari, Univ of Bologna); *Principles of Economics* (Univ of Cagliari)*;*

Postgraduate: *Economics of Global Markets* (G.d'Annunzio Univ: MA); *International Economics* (G.d'Annunzio Univ, Univ of Bologna: MA; Univ of Cagliari: MA, Phd); Economic Growth and Technological Change (G.d'Annunzio Univ: MA); *Advanced Macroeconomics* (G.d'Annunzio Univ*), Geographical Economics* (Univ of Cagliari: MA, Phd; G. d'Annunzio Univ: MA, Phd); *Spatial economics and Statistics* (Univ of Rome Tor Vergata: MA, Phd); *Spatial and Economic Integration in Europe* (Univ of Rome Tor Vergata: MA); *Industrial Economics for SMEs* (Univ of Bologna: MA); *Trade and Location Theory* (Univ of Rome 'Tor Vergata': MA, Phd); *Fisheries Economics and Management* (Univ of Rome 'Tor Vergata': MA)

Professional Activities

European Commission DG – ECFIN (Economic and Financial Affairs); European Central Bank, External Developments Division (2009 - 2011); CEIS - Centre for Economic and International Studies (2002); Irepa - Centre for Economic Research on Fisheries and Aquaculture (1999-2001); The Italian Ministry of agricultural policies (1999-2001)

Education

Univ of Rome "Tor Vergata" (*Phd Economics*, 2003); London School of Economics (*Visiting Fellow*, 2002-2003); Univ of Rome "Tor Vergata" (*MSc Economics and Public Institutions*, 1999); G. Tagliacarne Institute, Rome (*MSc Spatial Economics and Statistics,* 1998*);* G. d'Annunzio Univ (*BA Economics* – Laurea cum laude, 1997); a number of Summer Schools in Economics and Statistics attended

RESEARCH

Ongoing articles

- Robots versus labor skills: a complementarity/substitutability analysis (with Michele Battisti, Christopher Parmeter, Francesco Gravina), CRENoS WP, 2021/04 [LINK];
- Exchange rate devaluation and firm selection: lessons from the Italian Lira.
- How effective is the implementation of the "Country-by-Country" reporting scheme on firms' transfer pricing strategy (with A. D'Ascanio).
- Global misallocation (with R. Cotena)

Articles

- Skill-Biased Technical Change and Labor Market Inefficiency (with M. Battisti and C. Parmeter), *Journal of Economic Dynamics and Control*, 2022, forthcoming [LINK];
- Geographical and Cultural Patterns in Cross-Border Mergers and Acquisitions: The Role of Experience (with Carlo Mastinu), *Spatial Economic Analysis*, 16(4), 2021;

  [Cultural distance (data and STATA codes) – Bilateral distance matrix - Replication package]

- Is the productivity premium of internationalized firms technology-driven? Unbundling technology and TFP at the firm-level (with M. Battisti and F. Belloc), *Empirical Economics*, Special Issue on "Applications in efficiency and productivity analysis", 2021, 60(6), 3069-3102 [PDF];
- Labour productivity and firm-level tfp with technology-specific production functions (with M. Battisti and F. Belloc), *Review of Economic Dynamics*, 35, 2020 [PDF] [SLIDES] [BLOG]

  WP version:
  - Labour productivity and firm-level tfp with technology-specific production functions (with M. Battisti and F. Belloc), ESCoE Discussion Paper, 02-2019 [PDF]
- Company Profits in Italy (with Fadi Hassan, Gianmarco I.P. Ottaviano, Fabiano Schivardi), *European Commission Discussion Paper*, 93, 2019; [LINK]
- Global Productivity Puzzles and Misallocation, an Italian Tale (with Sara Calligaris, Fadi Hassan, Gianmarco I.P. Ottaviano, Fabiano Schivardi), *Economic Policy*, 33(96), 635–684, 2018 [PDF];
- A Huff model with firm heterogeneity and selection. Application to the Italian retail sector, *Spatial Economic Analysis*, 13(4), 442–456, 2018 [PDF];
- The revealed cost competitiveness of changing trade patterns: A country-sector exercise, *International Economics, 154, 3-22, 2018* (Special Issue on "Firms, Trade and Productivity: empirical analysis based on recent theoretical advances") [PDF];
- Labor productivity growth: disentangling technology and capital accumulation (with Michele Battisti and Christopher F. Parmeter), *Journal of Economic Growth*, 23 (1), 2018 [PDF]

  Previous versions:
  - Labor productivity growth: disentangling technology and capital accumulation (with Michele Battisti and Christopher F. Parmeter), University of Miami WP, 2014, No.2 [PDF];
- Geography, Cultural Remoteness and the Second Nature of within-country Economic Development: Do Island Regions lag behind? (with Carlo S. Mastinu), *Regional Studies*, 52(2), 2018; [PDF]

  [Supplemental material] [Linguistic Index (data and STATA codes) – Bilateral distance matrix - Replication package]
- Export Participation and Misallocation after The Financial Crisis: Evidence from Italy (with Sara Calligaris, Fadi Hassan, Gianmarco I.P. Ottaviano, Fabiano Schivardi), *"Rivista di Politica Economica"* (Special Issue on "Global value chains, trade networks and firm performance: international evidence and the Italian case"), VII-IX/2016; [PDF]
- Italy's Productivity Conundrum. A Study on Resource Misallocation in Italy (with Sara Calligaris, Fadi Hassan, Gianmarco I.P. Ottaviano, Fabiano Schivardi), *European Commission Discussion Paper*, 30, 2016; [LINK] [VOXEU]
- Unbundling Technology adoption and TFP at the Firm Level: do Intangibles Matter? (with M. Battisti and F. Belloc), 2015, *Journal of Economics and Management Strategy - JEMS, 24(2), 386-410*;

  Previous versions:
  - Unbundling Technology adoption and TFP at the Firm Level: do Intangibles Matter? (with M. Battisti and F. Belloc), FEEM WP, 98, 2012; [PDF]

- Unbundling Technology adoption and TFP at the Firm Level: do Intangibles Matter? (with M. Battisti and F. Belloc), *Crenos WP*, 32, 2012; [PDF]
- Unbundling Technology adoption and TFP at the Firm Level: do Intangibles Matter? (with M. Battisti and F. Belloc), RCEA WP, 71, 2012; [PDF]

- The Revealed Competitiveness of U.S. Exports (with F. di Mauro, J. Gruber and B. Mandel), *FRB International Finance Discussion Papers*, 1026, Board of Governors of the Federal Reserve System (U.S.), Washington, D.C., 2011; [PDF]
- The Structural Determinants of the U.S. Competitiveness in the Last Decades: a 'Trade-revealing' Analysis (with F. di Mauro, J. Gruber and B. Mandel), *ECB Working Paper*, n. 1443, European Central Bank, 2012; [PDF]
- Examining the Decline in the US Export Share (with F. di Mauro, J. Gruber and B. Mandel), in F. di Mauro and B. Mandel (eds), Recovery and beyond. Lessons for Trade Adjustment and Competitiveness, *European Central Bank e-book*, 2011; [PDF]
- Productivity and Firm Selection: Quantifying the "New" Gains from Trade (with G. Corcos, G. Ottaviano and G. Mion), 2012, *The Economic Journal*, Royal Economic Society, 122(561), 754-798; [PDF] and [VoxEU column]

  Other versions:

  - Productivity and Firm Selection: Quantifying the "New" Gains from Trade (with G. Corcos, G. Ottaviano and G. Mion), Nota di lavoro *FEEM,* 2009, 115.
  - Productivity and Firm Selection: Quantifying the "New" Gains from Trade (with G. Corcos, G. Ottaviano and G. Mion), *KITeS Working Paper,* 2009, 02.
  - Productivity and Firm Selection: Quantifying the "New" Gains from Trade (with G. Corcos, G. Ottaviano and G. Mion), *SERC Discussion Papers,* Spatial Economics Research Centre, LSE, 2009, 0028.
- Measuring productivity (with A. Di Liberto and C. Petraglia), *Journal of Economic Surveys*, 25(5), pp. 952–1008, 2011; [PDF]

  Other versions:

  - Measuring productivity (with A. Di Liberto and C. Petraglia), *CRENoS Working paper*, 2008/18.
  - Measuring productivity (with A. Di Liberto and C. Petraglia), IAREG *Working paper*, 2009, 5/01.
- Openness to Trade and Industry Cost Dispersion: Evidence from a Panel of Italian Firms (with G. Ottaviano and M. Pagnini), *Journal of Regional Science*, 2008, Vol. 48, No. 1, pp. 97–129.

  Other versions:

  - Openness to Trade and Industry Cost Dispersion. Evidence from a Panel of Italian Firms (with G. Ottaviano and M. Pagnini), 2007, *CEPR discussion paper*, No. 6336.
  - Openness to Trade and Industry Cost Dispersion. Evidence from a Panel of Italian Firms (with G. Ottaviano and M. Pagnini), *Banca d'Italia, Temi di discussione*, 2007, No. 635. [PDF]
- Productivity and Firm Selection: Intra- vs International Trade (with G. Corcos, G. Ottaviano and G. Mion), *CORE Discussion paper*, 2007, 60. [PDF]

  Other versions:

  - Productivity and Firm Selection: Intra- vs Inter-national Trade (with G. Corcos, G. Ottaviano and G. Mion), *CRENoS Working paper*, 2007/06;

- Trade integration, firm-selection and the costs of non-Europe (with G. Ottaviano e G. Mion), 2006. *CEPR discussion paper*, No. 5730.

  Other versions:

  - Trade Integration, Firm Selection and the Costs of Non-Europe (with G. Ottaviano e G. Mion), *CRENoS Working paper*, 2007/03;
  - Trade, Productivity and Firm Selection: Gauging the impact of European Intergration from Firm-Level Data (with G. Ottaviano e G. Mion), *CORE Discussion paper*, 2006, 61.
  - Trade integration, firm-selection and the costs of non-Europe (with G. Ottaviano e G. Mion), *Centro Studi d'Agliano Working paper*, 2006, 218. [PDF]

- The competitiveness of Italian firms: the source of the trouble (with G.I.P. Ottaviano and M. Pagnini), *Review of Economic Conditions in Italy*, 1, 2005. [PDF]

  Italian version:

  - La competitività delle imprese italiane: alle origini del malessere (with G. Ottaviano e M. Pagnini), *Economia Italiana*, 1, 2005. [PDF]

- Geographical Economics: a survey. *Giornale degli Economisti*, 63(2), 2004. [PDF]
- Agglomeration, Integration, and Territorial Authority Scale in a System of Trading Cities. Central planning versus devolution. *FEEM Working Papers*, 94, 2004. Submitted. [PDF]
- Politiche fiscali per la pesca in Italia: aspetti teorici ed empirici. *QA – La Questione Agraria*, FrancoAngeli, 1, 2002; [PDF]
- Note sugli effetti economici degli strumenti di regolamentazione adottati dall'Unione Europea in materia di pesca. *Rivista di Economia Agraria*, Il Mulino ed., a. LI, n. 4, December 1996. [PDF]

Books

- *Trends di Economia Internazionale. Globalizzazione, investimenti e commercio estero.* Rubbettino Editore, 2018 [LINK]. Graphs and figures (free download): [LINK]

Contributed chapters

- "Imprese esportatrici, produttività e misallocazione" (with Sara Calligaris, Fadi Hassan, Gianmarco I.P. Ottaviano, Fabiano Schivardi), in L'Italia nell'Economia Internazionale, *Rapporto ICE 2016-2017*, Chapter 6 [PDF];
- *Examining the decline in the US export share* (with F. Di Mauro, J. Gruber and B. Mandel). Ch. 11 in: "Recovery and Beyond: Lessons for Trade Adjustment and Competitiveness", European Central Bank, 2011; [PDF]
- *I Fattori di competitività*. Ch. 3 in: Economia della Sardegna. 13° Rapporto CRENoS, CUEC, Cagliari, 2006 [PDF]
- *I Fattori di competitività*. Ch. 3 in: Economia della Sardegna. 14° Rapporto CRENoS, CUEC, Cagliari, 2007 [PDF]
- *I Fattori di competitività*. Ch. 5 in: Economia della Sardegna. 15° Rapporto CRENoS, CUEC, Cagliari, 2008 [PDF]

Blogs and Columns

- *Davvero la globalizzazione sarà la vittima illustre del Covid-19?* LUISS Open, Editoriale, Giugno 2020 [LINK]
- *Making technological innovation work is key for labour productivity*. ESCoE - Economic Statistics Centre of Excellence, Blogs, January 2019 [LINK];
- *Productivity and Firm Selection: Quantifying the "New" Gains from Trade*. VOX EU - CEPR Policy Portal, July 2012; [LINK];
- *Italy's Productivity Conundrum. A Study on Resource Misallocation in Italy*. VOX EU - CEPR Policy Portal, June 2016; [LINK];
- *Sulle onde dei Big Data*. Abruzzo Economia, settembre 2018, n.10 [LINK]
- *Fattori di produttività e competitività.* 2007, L'altravoce.net [LINK]

Other writings

- *On the spatial distribution of economic activities: Integration, Agglomeration, and Territorial Authority Scale*. Phd thesis. 2003.
- Considerazioni sulla politica della pesca nell'Unione Europea in relazione alle esternalità economiche. *Biologia Marina Mediterranea*, Vol. 5 – Issue 3, 1998 (Third Part). [PDF]
- La regolamentazione della pesca tra gestione delle risorse e tutela delle imprese. Verso un nuovo paradigma. Laboratorio di Economia dell'ambiente - CEIS (Univ of Rome Tor Vergata), Rapporti/2, July 2001. [PDF]
- *On the role of structural aids and tax policies in sea-fishing management* (with Nicola Rossi, Vincenzo Placenti and Massimo Spagnolo). Prepared for the *XIII EAFE* (European Association of Fisheries Economists) *conference.* 2001.

Projects

- PRIN Project, Ministero dell'Istruzione dell'Università e della Ricerca (*Project Leader - Associated Investigator* of the Pescara Unit – Department of Economics, "G.d'Annunzio" Univ): New Protectionist Policies: Political Determinants and Economic Consequences; Research Units: Univ Bologna, Univ "Bocconi" Milan, Statale Univ Milan, Univ "G. d'Annunzio" Pescara (2019 to present, 36 months);
- Study on Corporate Profits in Italy (with Gianmarco I.P. Ottaviano, Fabiano Schivardi, Fadi Hassan), EUROPEAN COMMISSION, DIRECTORATE GENERAL ECONOMIC AND FINANCIAL AFFAIRS (Ref. ECFIN 2017 006/E), 09/2017 – 09/2018
- Study on Capital misallocation and skill mismatches in Italy: the productivity conundrum (with Gianmarco I.P. Ottaviano, Fabiano Schivardi, Sara Calligaris, Fadi Hassan), EUROPEAN COMMISSION, DIRECTORATE GENERAL ECONOMIC AND FINANCIAL AFFAIRS (Ref. ECFIN 2014 017/H), 07/2015 – 07/2016;
- Analisi dei costi economici addizionali attribuibili allo stato di insularità, con particolare riferimento alla differenza rispetto a casi di "geographic remoteness" riconosciuti nell'ambito della politica

regionale europea. UE - Sardinia Reg. Project. Principal Investigator: F. Pigliaru. *Project Leader* of the Pescara Unit (members: G. Ottaviano, L. De Benedictis) (2013-2015);

- CompNet. European Central Bank, Competitiveness Research Network [LINK];
- Definition of a computable partial equilibrium model with heterogeneous firms for trade policy evaluation and simulation, European Central Bank, DG-Economics - External Developments (2009);
- Intangible Assets and Regional Economic Growth (IAREG). European Union - Seventh Research Framework Program FP7 (2007-2009) [LINK];
- Economic Integration and Firm Productivity: the Selection Effect of International Trade. Univ of Cagliari - Fondo per il sostegno della ricerca di base per lo start-up dei giovani Ricercatori (2007-2008);
- Valutazione dell'impatto della politica fiscale sull'attività di Pesca Marittima in Italia (with Nicola Rossi, V. Placenti, M. Spagnolo), Ministero delle Politiche Agricole (1999);
- TeMA (Innovazione e Mercato nell'Artigianato), Ministero Commercio Industria Artigianato (1998).

Other research activities:

- "G d'Annunzio" Univ, Phd in "Business, Institutions and Markets": *Member of the Faculty Board;*
- ISGEP (International Research Group on Exports and Productivity): member and local organizer conference 2016 (Pescara, "G d'Annunzio" Univ, September 2016);
- *Scientific Coordinator* "Annual Workshop on Trade and Productivity" – CRENoS [edition 2008];
- *Programme Coordinator* (Spatial Economics) "Master in Economics of Environmental Governance and Territory" (*MEGAT*) - Univ of Rome 'Tor Vergata' (2003-2007);

Lectures and Seminars

Approx. 90 seminar/workshop/conference presentations at academic and research institutions in different countries, of which:

- *Invited*. GTAP 10th Annual Conference on Global Economic Analysis, Purdue Univ, USA (June 2007); V Giornata dell'Economia. Chamber of Commerce - Istituto "G. Tagliacarne", Cagliari (May 2007); Roundtable on "Trade and the Turmoil", European Central Bank (November 2009); The Leverhulme Centre for Research on Globalisation and Economic Policy (GEP), Univ of Nottingham (November 2010); DIME-ISGEP 2010 Workshop on Firm Selection and Country Competitiveness, Univ of Nice (March 2010); Internazionalizzazione delle imprese italiane, Banca d'Italia, (June 2013); Le trasformazioni dei sistemi produttivi locali, Bologna, Banca d'Italia, (January 2012); AISRE annual conference (September 2014); European Commission, DG Internal Market, Industry, Entrepreneurship and SME's, GROW Workshop (May 2018); Digital Meet Abruzzo, CCIAA Chieti, Made in Italy: scenari di trasformazione digitale (October 2018); Banco Central do Brasil, Workshop on productivity and long-term growth (November, 2018);
- *Recent* (selected). The Leverhulme Centre for Research on Globalisation and Economic Policy (GEP), Univ of Nottingham; Geography of Innovation Conference, Utrecht Univ; ISGEP Conference: Univ of Trento, KTH Stockholm; Compnet: Frankfurt, Rome; "Trade and competitiveness", European Central

Bank; European Trade Study Group (ETSG); Jornadas de Economia Industrial (JEI), Univ of Vigo; Roundtable on "Trade and the Turmoil", European Central Bank; AISRE Annual Conference: Padova, Cagliari; International Workshop on Trade and Innovation, Univ of Ferrara; Monetary and non monetary costs of Insularity, Cagliari; Univ of Siena, Univ of Ancona, Univ of Bologna, EU Commission - DG Economic and Financial Affairs; North American Productivity Workshop, Univ of Miami; ESCoE Conference on Economic Measurement, London, Bank of England; Workshop on Firm Heterogeneity in Thechnical Change, Ghent Univ; AISRE, Gran Sasso Science Institute (GSSI) L'Aquila; 2019 RIDGE Workshop on International Trade - Growth and Development in Macroeconomics, Montevideo, Uruguay; 15th ISGEP Workshop, Dublin

Refereeing

Journal of International Economics, American Economic Review, European Economic Review, Journal of Economic Geography, Small Business Economics, Social Sciences and Humanities Research Council of Canada, Journal of Regional Science, Journal of Common Market Studies, Economic Modelling, Journal of Economic Integration, Regional Science and Urban Economics, Empirica, Empirical Economics, ECB Discussion Papers, Papers in Regional Science, Annals of Regional Science, Review of World Economics, The World Economy, Journal of Productivity Analysis, Economica, Regional Studies, Rivista di Politica Economica, Italian Economic Journal, Politica Economica, Journal of Economic Growth, Journal of International Trade and Economic Development, Spatial Economic Analysis, Review of Economic Dynamics, Research Policy, Economic Modelling, Economia Politica, Scientific Reports

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May, 2022

"...Lord, give me a sense of humor
and I will find happiness in life
and profit for others"
(Thomas More, the Tower of London, 6th July 1535)