

Fabrizio Germano

Curriculum Vitae

Personal

Nationality: Italian

Civil status: Married with two children (born in 2006 and 2009)

Address: Departament d'Economia i Empresa

Universitat Pompeu Fabra

Ramon Trias Fargas 25-27

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Employment

Since 2007, Affiliated Professor, Barcelona Graduate School of Economics, Spain

Since 2006, Associate Professor, Universitat Pompeu Fabra, Barcelona, Spain

2001-2006, Assistant Professor, Universitat Pompeu Fabra, Barcelona, Spain

1999-2001, Research Fellow, Tel Aviv University, Israel

1997-1999, Research Fellow, CORE, Université Catholique de Louvain, Belgium

1996-1997, Visiting Professor, DEEP, Université de Lausanne, Switzerland

Education

1996 Ph.D, Economics, University of California, San Diego, United States

1993 M.A., Economics, University of California, San Diego, United States

1990 B.A., Economics (Diplom, Volkswirtschaftslehre), Universität Hamburg, Germany

Research Interests

Game Theory, Economic Theory, Information Economics, Media Economics, Strategic Communication, Bounded Rationality, Learning and Evolution, Inequality

Awards and Fellowships

2015-2016 IMéRA Senior Residency Fellowship, IMéRA, Aix-Marseille Université, Marseille

2014-2015 Fernand Braudel Senior Fellowship, European University Institute, Florence

2009-2010 Salvador de Madariaga, Mobility Fellowship, Ministry of Education, Spain

2004-2005 Visiting Fellowship, Institute for Advanced Studies, Hebrew University, Jerusalem

2001-2006 Ramón y Cajal Fellowship, Ministry of Science and Technology, Spain

1999-2001 Tel Aviv University Fellowship joint with TMR Network Fellowship, EC

1998-1999 Marie Curie Fellowship, European Commission (EC)

1997-1998 CORE Research Fellowship, CORE, Université Catholique de Louvain

1993, 1994 Academic Excellence Award, University of California, San Diego

Stays Abroad

2015 IMéRA Residency, IMéRA, Aix-Marseille Université, Marseille

2015 Fernand Braudel Senior Fellow, European University Institute, Florence

2012 Visiting Scholar, Center for the Study of Rationality, Hebrew University, Jerusalem, Israel

2009-2010 Visiting Scholar, MEDS, Kellogg School of Management, Northwestern University

2004-2005 Invited Fellow, Institute for Advanced Studies, Hebrew University, Jerusalem, Israel

2000 Visiting Scholar, Department of Economics, University of California, San Diego, USA

Group Grants

2016-2018 BBVA grant "Innovation and Information in the Digital Economy," Project head: Prof. Matthew Ellman

2015-2017 Spanish Ministry of Science and Innovation grant "Strategic Behavior and Social Welfare. Theory and Applications," Project head: Profs. Juan-José Ganuza Fernandez and Fabrizio Germano

Group Grants (cont.)

2012-2015 Spanish Ministry of Science and Innovation grant "Information, Markets and Social Decision Making. Theory and Applications," Project head: Prof. Juan-José Ganuza Fernandez

2008-2012 Spanish Ministry of Science and Technology grant "Development and Inequality from the Local Approach to the International Perspective," Project head: Prof. José Garcia-Montalvo

2005-2007 Spanish Ministry of Science and Technology grant "Development and Inequality from the Local Approach to International Perspective," Project head: Prof. José Garcia-Montalvo

2006-2008 Fundación Ramón Areces grant "Medios de comunicación y mercados de información: como garantizar la calidad informativa y de contenido," Project head: F. Germano

2005-2007 Fundación BBVA grant "Aprender a jugar," Project head: Prof. Sjaak Hurkens

2005-2007 Spanish Ministry of Science and Technology grant "Globalization: Regulation, Financial Integration and Foreign Aid," Project head: Prof. José Garcia-Montalvo

2002-2004 Spanish Ministry of Science and Technology grant "Agglomeration, Productivity, and the New Economy," Project head: Prof. José Garcia-Montalvo

1996-2001 European Commission, TMR Network grant "Information and Cooperation," Project head: Prof. Françoise Forges

Published Papers

-- "Bounded Rationality and Correlated Equilibria," *International Journal of Game Theory*, forthcoming, with Peio Zuazo-Garin

-- "Concentration and Self-Censorship in Commercial Media," *Journal of Public Economics*, 97: 117-130, 2013, with Martin Meier

-- "What Do the Papers Sell? A Model of Advertising and Media Bias," *Economic Journal*, 119: 680-704, 2009, with Matthew Ellman

-- "Global Nash Convergence of Foster and Young's Regret Testing," *Games and Economic Behavior*, 60:135-154, 2007, with Gábor Lugosi

-- "Stochastic Evolution of Rules for Playing Finite Normal Form Games," *Theory and Decision*, 62: 311-333, 2007.

-- "Existence of Sparsely Supported Correlated Equilibria," *Economic Theory*, 32: 575-578, 2007, with Gábor Lugosi

-- "On Some Geometry and Equivalence Classes of Normal Form Games," *International Journal of Game Theory*, 34: 561-581, 2006

-- "Ascending Auctions for Multiple Objects: The Case for the Japanese Design," *Economic Theory*, 28: 331-355, 2006 with Gian Luigi Albano and Stefano Lovo

-- "Retaliatory Equilibria in a Japanese Ascending Auction for Multiple Objects," *Review of Economic Design*, 10: 1-8, 2006, with Gian Luigi Albano and Stefano Lovo

-- "Bertrand-Edgeworth Equilibria in Finite Exchange Economies," *Journal of Mathematical Economics*, 39: 677-692, 2003

-- "On (Un)Knots and Dynamics in Games," *Games and Economic Behavior*, 41: 46-60, 2002, with Stefano Demichelis

-- "A Comparison of Standard Multi-Unit Auctions with Synergies," *Economics Letters*, 71: 55-60, 2001, with Gian Luigi Albano and Stefano Lovo

-- "On the Indices of Zeros of Nash Fields," *Journal of Economic Theory*, 94: 192-217, 2000, with Stefano Demichelis

-- "Some Consequences of the Unknottedness of the Walras Correspondence," *Journal of Mathematical Economics*, 34: 537-545, 2000, with Stefano Demichelis

Working Papers

-- "On the Macroscopic Origins and Consequences of Economic Inequality: An Evolutionary Perspective," 2016, with Lloyd Demetrius (being revised)

-- "Uncertain Rationality and Robustness in Games with Incomplete Information," UPF WP 1470, 2015, with Peio Zuazo-Garin (being revised)

-- "Time Scarcity and the Market for News," UPF WP 1348, 2012 (revised 2014), with Larbi Alaoui (also AMSE Working Paper 2015-52, Université Aix-Marseille)

- "Approximate Knowledge of Rationality and Correlated Equilibria," UPF WP 1326, 2012; (also Center for the Study of Rationality DP 610, Hebrew University, Jerusalem, 2012)
- "Quotient Spaces of Boundedly Rational Types," UPF WP 1287, 2011 (revised 2012), with Davide Cianciaruso (also CEM-EMS DP 1539, Kellogg, Northwestern University)
- "On Commercial Media Bias," UPF WP 1133, 2008
- "On Some Collusive and Signaling Equilibria in Ascending Auctions for Multiple Objects," UCL/ELSE WP 2002, with Gian Luigi Albano and Stefano Lovo
- "On the Indices of Zeros of Nash Fields: Extensions and Applications," CORE DP 2000/17, 2000, with Stefano Demichelis
- "On Nash Equivalence Classes of Generic Normal Form Games," CORE DP 9833, 1998

Other Articles and Writings

- "Media Failures and Media Markets," 2016 (*Els Opuscles del CREI* Series, forthcoming)
- "Regulating for an Independent Media: The Problems of Political and Commercial Bias," VoxEU, September 2009, with Matthew Ellman
- "On Boundedly Rational Rules for Playing Normal Form Games," in R. Topol and B. Walliser (eds.) *Cognitive Economics: New Trends*, Contributions to Economic Analysis, Elsevier, 2006

Work in Progress, Projects

- "Opinion Dynamics via Search Engines," with Francesco Sobbrío (coming soon)
- "Uncertain Rationality, Depth of Reasoning and Robustness in Games with Incomplete Information," with Jonathan Weinstein and Peio Zuazo-Garin (coming soon)
- "An Experimental Examination of the Electronic Mail Game" with Francesco Cerigioni and Pedro Rey Biel
- "Dynamic Information Aggregation with Strategic Experts: A Heuristic Approach," with Nicolás Cesa-Bianchi and Yishay Mansour

Conferences and Seminars (since 2010)

2016:

- 11/16: Economics Seminar, Copenhagen Business School, U Copenhagen, Denmark: "On the Macroscopic Origins and Consequences of Economic Inequality" (scheduled)
- 09/16: XXXI Jornadas de Economía Industrial, Universitat de les Illes Balears, Palma de Mallorca, Spain: "Opinion Dynamics via Search Engines"
- 08/16: EEA-ESEM 2016, European Economic Association and Econometric Society European Meetings, Geneva, Switzerland: "Bounded Rationality and Correlated Equilibria" and "Opinion Dynamics via Search Engines"
- 07/12: GAMES 2016, World Congress of the Game Theory Society, Maastricht, The Netherlands: "Uncertain Rationality, Depth of Reasoning and Robustness in Games with Incomplete Information" (planned)
- 03/16 Lunch Seminar in Economics, CREA, U Luxembourg, Luxembourg: "On the Macroscopic Origins and Consequences of Economic Inequality"
- 02/16 Economic Theory Seminar, CORE, U Catholique de Louvain, Belgium: "On the Macroscopic Origins and Consequences of Economic Inequality"
- 02/16 Economics Dept. Seminar, U Rovira i Virgili, Reus, Spain: "On the Macroscopic Origins and Consequences of Economic Inequality"

2015:

- 12/15: AMSE-Greqam Interaction Workshop Seminar, Aix-Marseille School of Economics, Marseille, France: "Bounded Rationality and Correlated Equilibria"
- 08/15: ESWC 2015, 11th World Congress of the Econometric Society, Montreal, Canada: "On the Macroscopic Origins and Consequences of Economic Inequality"
- 07/15: 15th SAET Conference on Current Trends in Economics, Cambridge, United Kingdom: "On the Macroscopic Origins and Consequences of Economic Inequality" (planned)
- 06/15: Workshop „Economics of Media Bias“, Hamburg, Germany: "Opinion Dynamics via Search Engines" and "Time Scarcity and the Market for News"
- 06/15: Barcelona GSE, Summer Forum, Barcelona, Spain: "On the Macroscopic Origins and Consequences of Economic Inequality"
- 06/15: COEURE Workshop "Fiscal and Monetary Policy after the Crisis," EUI Florence, Italy
- 04/15: Conference "The New Financial Architecture in the Eurozone," EUI Florence, Italy

Conferences and Invited Seminars (cont.)

2014:

- 12/14: 4th EIEF-UNIBO-IGIER Bocconi Workshop on Industrial Organization, Bologna, Italy: "Time Scarcity and the Market for News"
- 12/14: Research Seminar in Economics, European University Institute, Florence, Italy: "On the Macroscopic Origins and Consequences of Economic Inequality"
- 12/14: Economics Department Research Seminar, University of Bologna, Bologna, Italy: "On the Macroscopic Origins and Consequences of Economic Inequality"
- 12/14: Vienna Joint Economics Seminar, IAS and University of Vienna, Vienna, Austria: "On the Macroscopic Origins and Consequences of Economic Inequality"
- 10/14: 12th Conference on Media Economics, Center for Studies in Economics and Finance, Naples, Italy: "Opinion Dynamics via Search Engines"
- 09/14: AMSE-Greqam Seminar of Economics, Aix-Marseille School of Economics, Marseille, France: "On the Macroscopic Origins and Consequences of Economic Inequality"
- 09/14: XXIX Jornadas de Economía Industrial, UPF, Barcelona: "Time Scarcity and the Market for News" (invited speaker)
- 08/14: ESEM 2014, European Economic Association and Econometric Society European Meeting, Toulouse, France: "On the Macroscopic Origins and Consequences of Economic Inequality"
- 08/14: EEA 2014, European Economic Association and Econometric Society European Meeting, Toulouse, France: "Time Scarcity and the Market for News"
- 06/14: 13emes Journées LAGV, Aix-Marseille, France: "On the Macroscopic Origins and Consequences of Economic Inequality"
- 06/14: 5th Symposium in Game Theory, University of York, United Kingdom: "Bounded Rationality and Correlated Equilibria"
- 05/14: Economics Department Seminar, University of Copenhagen, Denmark: "Time Scarcity and the Market for News"
- 04/14: CREI Macro-Lunch, UPF, Barcelona: "On the Macroscopic Origins and Consequences of Economic Inequality: An Evolutionary Perspective"

2013:

- 12/13: Winter Workshops of the Barcelona GSE: Microeconomics: "Time Scarcity and the Market for News"
- 12/13: Winter Workshops of the Barcelona GSE: Macroeconomics: "On Resources and Inequality"
- 12/13: XXXVIII Simposio de la Asociación Española de Economía, 2013, Santander, Spain: "Time Scarcity and the Market for News"
- 10/13: Information and Communication Technology Conference Munich, Ludwig Maximilian University, Munich, Germany: "Time Scarcity and the Market for News"
- 05/13: Workshop on Law and Economics of Media and Telecommunications, TILEC, Tilburg University, Netherlands: "Time Scarcity and the Market for News"
- 02/13: Barcelona Jocs Seminar, UPF/UAB/UB/IAE, Barcelona, Spain: "Approximate Knowledge of Rationality and Correlated Equilibria"

2012:

- 11/12: Internal Micro and Behavioral Economics Seminar, UPF, Barcelona, Spain: "Time Scarcity and the Market for News"
- 09/12: 39th EARIE Annual Conference, Rome, Italy: "Time Scarcity and the Market for News"
- 07/12: GAMES 2012, World Congress of the Game Theory Society, Istanbul, Turkey: "Approximate Knowledge of Rationality and Correlated Equilibria"
- 07/12: North American Summer Meetings of the Econometric Society, Northwestern University, Chicago, USA: "Approximate Knowledge of Rationality and Correlated Equilibria"
- 06/12: Paris Game Theory Seminar, Institut Henri Poincaré, Paris, France: "Approximate Knowledge of Rationality and Correlated Equilibria"
- 06/12: Games and Strategy in Paris 2012, Conference in Honor of Sylvain Sorin's 60th Birthday, Institut Henri Poincaré, Paris, France
- 05/12 FSR Scientific Seminar on "Communications and Media Markets: Emerging Trends and Policy Issues," Florence School of Regulation, EUI, Florence, Italy: "Time Scarcity and the Market for News"
- 05/12 Game Theory Seminar, Center for the Study of Rationality, Hebrew University of Jerusalem, Israel: "Approximate Knowledge of Rationality and Correlated Equilibria"

Conferences and Invited Seminars (cont.)

-- 04/12 Paradigm Lost, Rethinking Economics + Politics, Institute of New Economic Thinking, Berlin, Germany

2011:

-- 11/11: Internal Micro and Behavioral Economics Seminar, UPF, Barcelona, Spain: "Quotient Spaces of Boundedly Rational Types"

-- 10/11: 9th Workshop on Media Economics, Higher School of Economics, Moscow, Russia: "Time Scarcity and the Market for News"

-- 10/11: Economic Theory, Decision Theory Seminar, U Bocconi, Milano, Italy: "Dynamic Information Aggregation with Strategic Experts: A Heuristic Approach"

-- 09/11: Games Toulouse 2011, U Toulouse, France: "Dynamic Information Aggregation with Strategic Experts: A Heuristic Approach" (invited speaker)

-- 07/11: 101st AEA Conference on "Media Studies & Communication," Porto University, Portugal: "Concentration and Self-Censorship in Commercial Media"

-- 06/11: 11th SAET Conference, Ancao, Portugal: "Concentration and Self-Censorship in Commercial Media"

-- 06/11: Workshop on Law and Economics of Media and Telecommunications, TILEC, Tilburg University, Netherlands: Discussant of "Ethical Voters and the Demand for News"

-- 05/11: Seminar in Economics, IMT Lucca, Italy: "Concentration and Self-Censorship in Commercial Media"

-- 05/11: Internal Micro and Behavioral Economics Seminar, UPF, Barcelona, Spain: "Dynamic Information Aggregation with Strategic Experts"

-- 03/11: Joint CES-LICOS Seminar, KU Leuven, Belgium: "Dynamic Information Aggregation with Strategic Experts"

-- 02/11: Seminar in Economic Theory, U del Pais Vasco, Spain: "Dynamic Information Aggregation with Strategic Experts"

2010:

-- 12/10: Global Crisis: Rethinking Economy and Society, U Chicago, USA

-- 10/10: CMS-EMS Lunch Seminar, Kellogg, Northwestern U, USA: "Concentration and Self-Censorship in Commercial Media"

-- 10/10: Workshop on Media Economics and Public Policy, CUNY Hunter College, New York, USA: Discussant of "Competing for Advertisers in Media Markets"

-- 09/10: Workshop on Stochastic Methods in Game Theory, Erice, Italy: "Dynamic Information Aggregation with Strategic Experts" (invited speaker)

-- 07/10: 21st Stony Brook Game Theory Festival, SUNY Stony Brook, USA: "Dynamic Information Aggregation with Strategic Experts"

-- 03/10 Economic Theory Seminar, CORE, U Catholique de Louvain, Belgium: "On Commercial Media Bias"

Teaching

-- **Graduate:** Microeconomics, Game Theory, Decision Theory, General Equilibrium Theory, Information Economics, Communication and Games, Topics in Game Theory, Growth Theory, Media Economics

-- **MBA:** Business of Global Media, International Finance

-- **Undergraduate:** Microeconomics, Game Theory, Macroeconomics, Growth Theory, International Economics, Social Choice, Information Economics, Real Analysis

PhD Thesis Committee Member

-- Peio Zuazo-Garin, University of the Basque Country, PhD Advisor: Prof. Elena Iñarra, 06/2014

-- Dries De Smet, KU Leuven, PhD Advisor: Prof. Patrick Van Cayseele, 08/2011

-- Francesco Turino, UPF, PhD Advisor: Prof. Jordi Galí, 11/2010

-- Zeynep Gurguc, UPF, PhD Advisor: Prof. Rosemarie Nagel, 10/2009

-- Basak Gunes, UPF, PhD Advisor: Prof. Rosemarie Nagel, 10/2009

-- Sandro Shelegia, UPF, PhD Advisor: Prof. Antonio Cabrales, 06/2009

-- Antoni Rubi, UPF, PhD Advisor: Prof. Antonio Cabrales, 11/2007

-- Peter Vida, Universitat Autònoma de Barcelona, PhD Advisor: Prof. Antoni Calvo-Armengol, 08/2006

-- Oscar Nupia, UPF, PhD Advisor: Prof. Antonio Cabrales, 06/2006

- Rafael Lopez, UPF, PhD Advisor: Prof. Fernando Vega-Redondo, 09/2004
- Irene Martinez-Pardina, Univesitat Autònoma de Barcelona, PhD Advisor: Prof. Benny Moldovanu, 02/2003
- Stefano Lovo, CORE, Université Catholique de Louvain, PhD Advisor: Prof. Herakles Polemarchakis, 11/2000.

UPF Duties

- Placement director for UPF/GPEFM (2007/08, 2009/10, 2012/13, and 2013/14)
- Head of undergraduate microeconomics teaching at UPF (2010-2014)
- Member of the Claustro of UPF (2006-2012)
- Secretary of recruiting for UPF/Economics (2005/06)
- Member of the Teaching Committee at UPF/Economics and Business (since 2004/05)
- UPF local coordinator for the European Doctoral Program in Quantitative Economics, EDP (2002-2015)
- Organizer of the Jamboree of the European Doctoral Program in Quantitative Economics, EDP, at UPF (in 2003 and 2010)

References

Available upon request

Other

Referee for *Econometrica*, *American Economic Review*, *Journal of Political Economy*, *Review of Economic Studies*, *Theoretical Economics*, *Journal of the European Economic Association*, *Games and Economic Behavior*, *AEJ Microeconomics*, *Journal of Economic Theory*, *Mathematics of Operations Research*, *International Economic Review*, *Journal of Economic Dynamics and Control*, *RAND Journal of Economics*, *International Journal of Game Theory*, *Economic Theory*, *Journal of Mathematical Economics*, *Mathematical Social Sciences*, *Theory and Decision*, *Journal of Public Economics*, *Journal of Economics Management and Strategy*, *Journal of Economic Behavior and Organization*, *Journal of Law and Economics*, *Journal of Industrial Economics*, *Economics Letters*, *Information and Economics Policy*, *Journal of Media Economics*, *Journal of Network Economics*, *Southern Economic Journal*, *Journal of Institutional and Theoretical Economics*, *Operations Research Letters*, *TOP*, *Adaptive Behavior*, *MIT Press (Book evaluation)*, *Deutsche Forschungsgemeinschaft (German Research Foundation)*, *Spanish National Science Foundation (ANEP)*, *Israeli National Science Foundation*, *Swiss National Science Foundation*, etc.

Co-Organizer of the Barcelona JOCS Lecture Series, UAB-UB-UPF-BGSE (since September 2015)

Co-Organizer of the European Workshop on General Equilibrium Theory, UPF (in June 2009)

Languages *English (fluent)*, *German (fluent)*, *French (fluent)*, *Spanish (fluent)*, *Italian (native)*, *Catalan (intermediate)*, *Hebrew (basic)*