

FRANCESCO DECAROLIS

February 2017

Personal information:

Date of birth: 17-May-1980

Citezinship: Italian

Marital status: married, three children

Address:

Einaudi Insitute for Economics and Finance

EIEF

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EMPLOYMENT

2016 –Present Associate Professor (with tenure), EIEF-Einaudi Institute for Economics and Finance, Italy

2012 –Present Assistant Professor (on leave since 2016), Dpt. of Economics, Boston University, USA

OTHER AFFILIATIONS

2016 –Present NBER, Faculty Research Fellow, USA

2015 –Present CEPR, Research Affiliate, UK

2012 –Present Adjunct Senior Fellow, L. Davis Institute for Health Econ., University of Pennsylvania, USA

PREVIOUS POSITIONS

2015 – 2016 Visiting Assistant Professor, SIEPR Fist Sabbaticals, Stanford University, USA

2015 PIER Visiting Faculty, Columbia University, USA

2011 – 2012 Visiting Assistant Professor, Dpt. of Economics, University of Pennsylvania, USA

2011 Visiting Assistant Professor, Dpt. of Economics, University of Chicago, USA

2009 – 2012 Assistant Professor, Dpt. of Economics, University of Wisconsin at Madison, USA

2009 Economist (F2), Research Department, Bank of Italy, Italy

EDUCATION

2009 PhD in Economics, The University of Chicago, Chicago USA

2005 MA in Economics, The University of Chicago, Chicago USA

2002 *Laurea* in Economics (Summa cum laude), Università Bocconi, Milan Italy

SELECTED RESEARCH PAPERS

PUBLICATIONS

“Awarding Price, Contract Performance and Bids Screening: Evidence from Procurement Auctions,” *American Economic Journal: Applied Economics*, Vol. 6, Iss. 1, January 2014, pp. 108-132.

“Medicare Part D: Are Insurers Gaming the Low Income Subsidy Design?,” *American Economic Review*, April 2015, 105(4): 1547-80.

“Entry and Subcontracting in Public Procurement Auctions,” (with N. Branzoli) *Management Science*, Vol. 61, Iss. 12, December 2015, pp. 2945–2962.

“Local Public Procurement Regulations: The Case of Italy,” (with C. Giorgiantonio) *International Review of Law and Economics*, Vol. 43, August 2015, pp 209–226

“The Unintended Effects of the Medicare Part D Low Income Subsidy,” *Health Policy*, Vol. 119, Issue 5, May 2015, pp. 597-603

“Renegotiation of Public Contracts: An Empirical Analysis” (with G. Palumbo) *Economic Letters*, Vol. 132, July 2015, pp. 77-81

“Detecting Bidders Groups in Collusive Auctions,” (with T. Conley) *American Economic Journal: Microeconomics*, Vol. 8, No. 2 May 2016, pp. 1-38.

“Insurers Response to Selection Risk: Evidence from Medicare Enrollment Reforms” (with A. Guglielmo), *Journal of Health Economics*, forthcoming.

“Comparing Procurement Auctions,” *International Economic Review*, forthcoming.

REVISE-AND-RESUBMIT PAPERS

“The Welfare Effects of Supply Side Regulations in Medicare Part D” (with M. Polyakova and S. Ryan), R&R at the *Journal of Political Economy*

WORKING PAPERS AND WORK IN PROGRESS

“Contractors Past Performance and Procurement Outcomes: A Firm-level Experiment” (with R. Pacini and G. Spagnolo)

“Marketing Agencies and Collusive Bidding in Sponsored Search Auctions,” (with M. Goldmanis and A.Penta)

“Common Agency and Coordinated Bids in Sponsored Search Auctions,” (with M. Goldmanis and A.Penta)

“Plan Choice, Star Ratings and Switching Behavior in Privatized Medicare,” (with A. Guglielmo and C. Luscombe)

OTHER PUBLICATIONS: LAW JOURNALS, POLICY PAPERS AND BOOKS

“Competition in Procurement Markets: The Case of Medical Devices in Europe,” *Italian Antitrust Review*, 3, 2015.

“Public Procurement of Healthcare in Europe: The Case of Medical Devices,” *Rivista di Politica Economica*, Vol. 104 (4/4), pp. 7-36, 2015.

Introduction to *Public Procurement's Place in the World: The Charge Toward Sustainability and Innovation* (with M. Frey). Special issue of the *Rivista di Politica Economica*, April/June, 2013, edited by F. Decarolis and M. Frey.

“Favouritism and Inefficiency in Procurement: Evidence from Public Works in Italy,” (with C. Giorgiantonio) *Rivista di Politica Economica*, April/June, 2013, pp. 161 - 190.

“Economic Effects of Democracy. An Empirical Analysis”. *Rivista di Politica Economica*, Dec, 2003, pp. 69 - 116.

Winning paper: - Young Economist Award, European Economic Association

- Angelo Costa Award, *Rivista di Politica Economica* (Best Italian BA thesis in Economics)

“Tutela della concorrenza e rispetto delle specificità territoriali negli appalti di lavori pubblici,” (with C. Giorgiantonio) forthcoming in *Mercato, Concorrenza e Regole*.

"Qualificazione, Aggiudicazione e Subappalti nei Lavori Pubblici: Cosa Insegnano le Riforme Locali?" (with C. Giorgiantonio) forthcoming in *Economia Pubblica*.

"Pricing and Incentives in Publicly Subsidized Health Care Markets: the Case of Medicare Part D," PIER Working Paper12-026, Penn Institute for Economic Research, Dpt. Economics, University of Pennsylvania, June 2012.

"Appalti Pubblici e Federalismo: Riparto di Competenze e Vincoli Comunitari nell'Affidamento dei Lavori Pubblici in Italia," (with C. Giorgiantonio) *Rapporto sulla Finanza Pubblica, Fondazione Rosselli*, edited by Francesca Traclo and Marco Nicolai, Maggioli Editore, Romagna, May 2012.

"Too Good to Be True Auctions," (with Michael Klein) World Bank – Public Private Infrastructure Advisory Facility (PPIAF) Note, (2012). Part of Body of Knowledge on Infrastructure Regulation (BoKIR). Previously circulated as Working Paper 186, Frankfurt am Main: Frankfurt School of Finance & Management.

“La Realizzazione delle Opere Pubbliche,” (with C. Giorgiantonio and G. Palumbo) in *L’efficienza della Spesa per Infrastrutture* volume edited by Fabrizio Balassone, Bank of Italy, June 2012.

"Cronaca di un fallimento annunciato: l’impiego dell’esclusione automatica negli appalti di lavori pubblici" *Giornale di Diritto Amministrativo*, Nov, 2011, pp 1246-125.

"L’affidamento dei lavori pubblici in Italia: un’analisi dei meccanismi di selezione del contraente privato," *Mercato Concorrenza e Regole XIII*, 2, August 2011 (with Cristina Giorgiantonio and Valentina Giovanniello). Republished in *Le Infrastrutture in Italia*, Bank of Italy, edited by Fabrizio Balassone and Piero Casadio, 2011

"The Renegotiation of Public Contracts," in *Le Infrastrutture in Italia*, Bank of Italy, edited by Fabrizio Balassone and Piero Casadio, 2011 (with Giuliana Palumbo)

"The Awarding of Public Works in Italy: An Analysis of the Mechanisms for the Selection of the Private Contractors," (with C. Giorgiantonio and V. Giovanniello) Bank of Italy *Quaderni di Economia e Finanza*, 83-2010.

“When the Highest Bidder Loses the Auction,” Bank of Italy, *Temi di Discussione*, June 2009, No. 717.

Permanent Working Paper:

“Homotopy Continuation Methods: An Algorithm for the Fixed Point and Newton Homotopy Methods with Some Examples” (with R. Mayer and M. Santamaria, 2005)

GRANTS, FELLOWSHIPS and AWARDS

Grants:

2016-2020	European Research Council - Starting Grant: Reputation and corruption in procurement
2013-2015	National Science Foundation (# SES-1357705): Supply side behavior in Medicare Part D
2011-2012	Sloan Foundation (# 2011-5-23 ECON): The role of public subsidies in Medicare Part D

Fellowships:

2013 – 2014	Junior Fellow, Hariri Institute - Boston University, USA
2009 – 2010	Shoemaker Fellowship, University of Wisconsin Madison, USA
2008 – 2009	Economic Research Fellowship, Bank of Italy, Italy
2007 – 2008	H. Morgenthau Memorial Fund (Dissertation Fellowship), University of Chicago, USA
2003 – 2007	University Unendowed Fellowship/Scholarship, University of Chicago, USA
2005 – 2006	Felice Gianani Scholarship, Associazione Bancaria Italiana, Italy
2003 – 2005	Post Graduate Scholarship, Università Bocconi, Italy

Awards (Date/Award/Paper):

2015	John Heinz Dissertation Award “Welfare Effects of Supply-Side Regulations in Medicare Part D” (joint with M. Polyakova and S. Ryan) as part of M. Polyakova’s PhD dissertation.
2013	NET Institute Award for “Common Agency and Coordinated Bids in Sponsored Search Auctions” (joint with Maris Goldmanis and Antonio Penta)
2013	Neu Family Award of Boston University for “Medicare Part D: Are Insurers Gaming the Low Income Subsidy Design?”
2004	Young Economist Award of the European Economic Association for “Economic Effects of Democracy”

- 2003 Angelo Costa Award of the Rivista di Politica Economica for “Economic Effects of Democracy.” First classified for the best Italian BA thesis in Economics.
- 2003 Bocconi Gold Medal

TEACHING ACTIVITIES

- 2017 – Empirical Industrial Organization (Graduate) – EIEF, Italy
- 2013 – 2015 Empirical Industrial Organization (Graduate) – Boston University, USA
- 2012 – 2014 Statistics for Economics (Undergraduate) – Boston University, USA
- 2011 – 2012 Empirical Industrial Organization (Graduate) – University of Pennsylvania, USA
- 2011 – 2012 Statistics for Economics (Undergraduate) – University of Pennsylvania, USA
- 2009 – 2011 Statistics for Economics (Undergraduate) – University of Wisconsin Madison, USA
- 2009 – 2011 Empirical Industrial Organization (Graduate) – University of Wisconsin Madison, USA

ORGANISATION OF SCIENTIFIC MEETINGS

- 2016 *2nd Rome Junior Conference on Applied Microeconomics* – EIEF. Co-organized with: M.A. Bronson (Georgetown University), T. Lamadon (University of Chicago), N. Mahoney (University of Chicago - Booth School), A. Pozzi (EIEF), P. Tebaldi (University of Chicago) and A. Voena (University of Chicago).
- 2017 Local Organizing Committee Member for *2017 iHEA World Congress*, Boston University, USA
- 2016 *1st Rome Junior Conference on Applied Microeconomics* – EIEF. Co-organized with: M.A. Bronson (Georgetown University), T. Lamadon (University of Chicago), N. Mahoney (University of Chicago - Booth School), A. Pozzi (EIEF) and A. Voena (University of Chicago)
- 2013 *Gaming and Learning in Incentive Systems, II*. May 3-4, Boston University, USA. Co-organized with: L. Bouton (Georgetown) and A. Newman (BU)

INSTITUTIONAL RESPONSIBILITIES

- 2012 – 2015 Co-organizer microeconomics seminar and workshop, EIEF, Italy
- 2012 – 2015 Junior Faculty Recruiting Committee, EIEF, Italy
- 2012 – 2015 Co-organizer microeconomics seminar and workshop, Boston University, USA
- 2012 – 2015 Junior Faculty Recruiting Committee, Boston University, USA
- 2012 – 2015 Undergraduate Teaching Committee, Boston University, USA
- 2009 – 2011 PhD Program Admissions Committee, University of Wisconsin Madison, USA

GRADUATE STUDENTS SUPERVISION

Name of student (degree date and first appointment)

- Calvin Luscombe (Expected degree date: 2017)
- Gabriele Rovigatti (Expected degree date: 2017)
- Andrea Guglielmo (2016, Analysis Group, Boston)
- Jiaxuan Li (2016, Amazon)
- Nathaniel Young (2015, European Bank for Reconstruction and Development)
- Yang Li (2014, Santander Bank)
- Sonal Vats (2014, Eastern Connecticut University)
- Nicola Branzoli (2013, Bank of Italy)
- Myongjin Kim (2013, University of Oklahoma)

SERVICE AND PROFESSIONAL INVOLVEMENT

Econometric Advisor, Italian Antitrust Authority, 2016
Econometric Advisor, Chief Economist Team, DG Competition, European Commission, Bruxelles, 2015
Academic Visitor, Chief Economist Team, DG Competition, European Commission, Bruxelles, 2014
Visiting Researcher, Microsoft Research, Cambridge, MA, bimonthly visits since July 2010
Research Fellow and, later, Junior Economist (F2), Bank of Italy, Rome, Italy, 2008-2010
Intern, NERA Economic Consulting, Rome, Italy, June-July 2007
Intern, Italian Public Procurement Agency (Consip s.p.a), Rome, Italy, June-July 2006
Trainee, Organisation for Economic Co-operation and Development (OECD), Paris, France, February-June 2003

Referee for: *American Economic Review*, *Econometrica*, *Journal of Political Economy*, *Quarterly Journal of Economics*, *Review of Economic Studies*, *International Economic Review*, *Theoretical Economics*, *American Economic Journal: Applied Economics*, *American Economic Journal: Economic Policy*, *American Economic Journal: Microeconomics*, *RAND*, *International Journal of Industrial Organization*, *Journal of Industrial Economics*, *European Economic Review*, *Journal of Public Economics*, *Journal of Economics & Management Strategy*, *Management Science*, *Journal of Applied Econometrics*, *European Journal of Political Economy*, *Journal of Institutional and Theoretical Economics*, *Journal of Law, Economics and Organizations*, *Review of Economic Design*, *Operations Research*, *American Journal of Agricultural Economics*, *Scandinavian Journal of Economics*, *Mercato Concorrenza e Regole*, *Economic Inquiry*, *Journal of Law & Economics*, *Strategic Management Journal*, *Review of Industrial Organization*, *Journal of Strategic Contracting and Negotiation*, *National Science Foundation*, *VQR Italy*.

PRESENTATIONS

INVITED SEMINARS

- 2017 University of Chicago, Princeton University, University of Wisconsin – Madison, Tel Aviv University, Hebrew University, EU Commission DG COMP, Università Bocconi, University of Tilburg, University of Vienna, University of Siena
- 2016 Facebook (research lab), Stanford University, Berkeley (Haas Business School), University of California Davis, University of Toronto, HEC-Lausanne, University of Bologna, University of Venice Ca' Foscari, University of Padua, EU Commission DG GROW, Universität Mannheim, CREST Paris
- 2015 Harvard-MIT joint IO seminar, Caltech, Columbia University, University of British Columbia, Microsoft Research, University Texas A&M, UT Austin
- 2014 Paris I Sorbonne, University of Cambridge, SUNY (NYC), CMU – Tepper Business School, ECARES (Bruxelles), U.S. Congressional Budget Office, Universidad de los Andes - Chile, University of Rome La Sapienza, University of Zurich, Collegio Carlo Alberto Turin, DG Competition –European Commission, European University Institute
- 2013 NYU, Harvard University – Kennedy School of Government (joint BU/Harvard/MIT Health Economics Seminar), Italian Insurance Association – ANIA (guest lecture), Ente Einaudi – EIEF
- 2012 MIT, Stanford Graduate School of Business, University of Pennsylvania, UT Austin, London School of Economics, Boston University, Bocconi University, Luiss Rome University
- 2011 University of Maryland, HEC Montreal, Boston University, Brown (guest lecture)
- 2010 University of Pennsylvania, Northwestern University, Einaudi Institute for Economics and Finance, Scuola Superiore per la Pubblica Amministrazione, University of Rome – La Sapienza (guest lecture)
- 2009 University of Chicago, University of Pennsylvania, Pennsylvania State University, Stanford University, Columbia University Graduate School of Business – Decision Risk and Operations Group, Columbia University, University of Minnesota, NYU – Stern School of Business, London School of Economics, Harvard University – Kennedy School of Government, University of Toronto, University of Padua, Einaudi Institute for Economics and Finance

CONFERENCES AND WORKSHOPS:

- 2017 ASSA Meetings (Chicago), Procurement Workshop – University of Lancaster, 2nd Junior Health Economics Summit (Whistler, British Columbia), 3rd Paris-Berkeley Organizational Economics Workshop, Chicago Booth – Junior Health IO Conference
- 2016 CEPR – IO School, Barcellona GSE Summer School, Society for Economic Dynamics, First Rome Junior Conference EIEF, Belgrade Public Procurement Symposium
- 2015 NBER – IO Meetings, IO Fest at Berkeley, iHEA World Congress, Joint 2015 Annual Health Econometrics Workshop & Seventh Australasian Workshop on Econometrics and Health Economics
- 2014 American Economic Association, First Brazilian Conference on Public Procurement and Concession Design (San Paolo and Rio de Janeiro – Brazil), Industrial Organization: Theory, Empirics and Experiments (Alberobello – Italy), Annual Meeting of the Toulouse Network for Information Technology (Microsoft Research, Cambridge – MA)
- 2013 NBER – IO Meetings, CEPR – IO Meetings, HEC Montréal Conference on the Industrial Organization of Health Care, CEPR-IO, ISNIE, EPPP, 3rd EIEF-UNIBO-IGIER Workshop In Industrial Organization, AREL Rome Workshop on Public Contracts
- 2012 American Society of Health Economists (ASHEcon), Society for Economic Dynamics, Petralia Sottana
- 2011 Utah Winter Business Economics Conference,
- 2010 NBER – IO, Econometric Society World Congress, IIOC, Petralia Sottana, ZEW Conference on the Quantitative Analysis in Competition Assessments, First Economic Workshop ME@Velia,
- 2009 NBER – Market Design, Society for Economic Dynamics, Econometric Society Far East and South Asia Meeting
- 2008 IIOC, European Association for Research in Industrial Economics, European Economic Association, Econometric Society North American Summer Meeting, La Pietra-Mondragone Workshop (later renamed MOOD Doctoral Workshop in Economic Theory and Econometrics)
- 2004 Annual Meeting of the European Economic Association