

# MATTEO TRIOSI

## CONTACT INFORMATION:

Department of Management,  
Ca' Foscari University of Venice

[Working papers: https://papers.ssrn.com/sol3/cf\\_dev/AbsByAuth.cfm?per\\_id=374447](https://papers.ssrn.com/sol3/cf_dev/AbsByAuth.cfm?per_id=374447)

[Google Scholar: https://scholar.google.com/citations?user=NyxXoToAAAAJ&hl=es](https://scholar.google.com/citations?user=NyxXoToAAAAJ&hl=es)

[IDEAS/Repec: https://ideas.repec.org/e/ptr54.html](https://ideas.repec.org/e/ptr54.html)

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## Education

PhD. Economics, Universidad Carlos III de Madrid, 2006 Summa cum Laude.

Msc in Economics, Université Catholique de Louvain-la-Neuve, Belgium, 2000.

Bsc Mathematics, University of Ferrara, Italy, 1997, summa cum Laude.

## Academic Employment

- July 2019-present Tenured Assistant Professor, Department of Management, Ca' Foscari University of Venice.
- January 2009-August 2020 (last year on leave) Assistant Professor, Center for Applied Economics, Department of Industrial Engineering, University of Chile;
- July 2008-December 2008. Visiting Assistant Professor, Center for Applied Economics, Department of Industrial Engineering, University of Chile;
- September 2006-July 2008. Post Doc Ferllow, Collegio Carlo Alberto;
- October 2000-September 2005. Teaching Assistant: Profesor ayudante de escuela universitaria. Departamento de Economía , Universidad Carlos III de Madrid.

## Visiting Positions

July-October 2016, Visiting Fellow Collegio Carlo Alberto;

May 2016, Visiting Fellow, Boston College;

February 2012 Visiting Fellow, IMPA;

February 2010 Visiting Fellow, IMPA;

June-December 2008, Visiting Assistant Professor, Center for Applied Economics, Department of Industrial Engineering, University of Chile;

March-June 2007 Visiting Scholar, Department of Economics. Stanford University;

March-June 2004. Visiting Student, Division of the Humanities and Social Sciences, California Institute of Technology.

## Academic Administration

January 2015-December 2018, alternating director, Institute for Research in Market Imperfections and Public Policy ([www.mipp.cl](http://www.mipp.cl)).

October 2013-September 2018, Coordinator, Ph.D. in Engineering Systems ([www.dsi.uchile.cl](http://www.dsi.uchile.cl)).

## Academic Service

July 2011- July 2018 Academic Committee, Ph.D. in Engineering Systems.

January 2011- June 2015 Department of Industrial Engineering Teaching Committee.

## Teaching

- Graduate: Advanced Microeconomics (2012, 2013, 2014, 2015, 2017, 2018), Ph.D. in Engineering Systems, University of Chile (in Spanish); Game Theory (2006, 2007), University of Torino, PhD in Economics (in English); Matching and Market Design (2014-2018), University of Chile, Master in Applied Economics (in Spanish); Political Economics (2009-2013), University of Chile, Master in Applied Economics (in Spanish);

Microeconomics I (2009, 2013, 2014), University of Chile, Master in Applied Economics (in Spanish).

- Undergraduate: Economics (2011-); University of Chile, School of Engineering, 2<sup>nd</sup> year (in Spanish); Microeconomics (2009-2010 and 2019-), University of Chile, School of Engineering, 3<sup>rd</sup> year (in Spanish). Mathematics (Ca' Foscari, 2019-), BA in Business and Management (in English); Entry course in Mathematics (Ca' Foscari 2019-), BA in Business, BA in Economics, BA in Digital Management (in English).

### **Teaching Coordination**

- Economics (2011-2019), University of Chile, School of Engineering, 2<sup>nd</sup> year (700 students approx).

### **Published and Accepted Papers**

- 1 Two-sided strategy-proofness in many-to-many matching markets, with Antonio Romero-Medina, *International Journal of Game Theory* 50: 115-128, 2021.
- 2 Strategy-proof and Group Strategy-proof Stable Mechanisms: An Equivalence, with Antonio Romero-Medina, *International Journal of Economic Theory* 16: 349-354, 2020.
- 3 Incentives and implementation in marriage markets with externalities, with María Haydée Fonseca-Mairena 185, *Economics Letters*, 2019
- 4 Non-revelation mechanism in many-to-one markets, with Antonio Romero-Medina, *Games and Economic Behavior* 87: 624–630, 2014.
- 5 Costly Information Acquisition: is it Better to toss a coin?, *Games and Economic Behavior*, 82: 169–191, 2013.
- 6 Games with Capacity manipulation, Incentives and Nash Equilibria, with Antonio Romero Medina, *Social Choice and Welfare*, 41: 701-720, 2013.
- 7 Boosting Scientific Research: Evidence from a Public Program, with César Alonso-Borrego, Antonio Romero-Medina, Rocío Sanchez Mangas, *Revista de Economía Aplicada XXI*, Vol. 62: 115-128, 2013.
- 8 Acyclicity and Singleton Cores in Matching Markets, with Antonio Romero-Medina, *Economics Letters* 118: 237-239, 2013.
- 9 Implementation with Renegotiation when Preferences and Feasible Sets are State Dependent, with Luis Corchón, *Social Choice and Welfare* 36: 179-198, 2011.
- 10 Hiring Mechanisms, Application Costs and Stability, *Games and Economic Behavior* 66: 566-575, 2009.

- 11 Fourier Integrals and the Pompeiu Problem, with Fausto Segala, Annali Università di Ferrara - Sezione VII -Scienze Matematiche XLVII: 169-175, 2001.

#### Recent Working papers

- 1 Incentives and implementation in allocation problems with externalities, with María Haydée Fonseca-Mairena, [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3683992](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3683992), under revision to be resubmitted to the Journal of Mathematical Economics, 2021.
- 2 Take-it-or-leave-it offers in many-to-many matching markets, with Antonio Romero-Medina, [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2917189](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2917189), under revision to be resubmitted to Economic Theory, 2021.
- 3 Centralized Course Assignment, with Antonio Romero-Medina, [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3225162](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3225162), 2018.
- 4 Assessing the extent of democratic failures. A 99%-Condorcet's jury theorem, [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2374393](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2374393), 2016.
- 5 A Spatial Model of Voting with Endogenous Proposals: Theory and Evidence from the Chilean Senate, with Patricio Valdivieso and Benjamín Villena-Roldán, [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2255835](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2255835), 2013.

#### Graduated Advising: Ph.D.

- María Haydée Fonseca Mairena “Participation and information restrictions in Matching Theory”, PhD in Economics, University of Chile, co-supervised jointly with Juan Pablo Torres-Martinez. PhD awarded on August, 14<sup>th</sup>, 2019. First Job: Assistant Professor at Maule Catholic University, since March 2019.

#### Graduated Advising: M.Sc.

- Jorge Ahumada Domenech, “Estimation of the preferences Chilean MPs during Sebastián Piñera presidency”, 2018, Data Analyst, Aport.
- Bastián Gómez Rivera, “Agreement in a decentralized matching party”. Master in Applied Economics, 2018, Fiscalía Nacional Económica.
- Valentina Contreras Silva, “Analysis and redesign of the assignment mechanism of physicians to medical specialties in Chile”, Master in Applied Economics, 2017, now PhD student at the London School of Economics.
- Felipe Díaz Klaassen, “Costly information acquisition and voluntary voting”, Master in Applied Economics, 2015, now PhD candidate in Economics at University of Illinois, Urbana-Champaign.

- Diana MacDonald Aros, “Deliberation and its effect on voting: Nash Bayesian equilibrium with communication and endogenous information acquisition”, 2013, Master in Applied Economics, now PhD candidate in Economics at Arizona State University and Post-doc at University of Chile.
- Christian Silva Abuyeres, “Decision making in the Chilean Senate: ideology, valence and Communication”, 2013, Master in Management and Public Policies, now in charge of Media Relation at National Council for Urban Development (Chile).
- Nicolás Riquelme Carrasco “Polls and their influence on voting: Bayesian Nash equilibrium with private Preferences and endogenous information acquisition”, 2012, Master in Applied Economics, now Assistant Professor at Universidad de los Andes, Chile.
- César Silva Brito, “Institutional and cultural determinants of electoral participation in Latin America: comparative analysis between compulsory and voluntary voting”, 2012, Master in Management and Public Policies, now at the National Secretariat for Planning and Development (Ecuador).

## **Research Projects**

### **Principal Researcher**

- Ca’ Foscari University of Venice, incoming grant (2020-2021).
- Matching and Market Design: Implementation and Networks. FONDECYT N° 1151230, 2015-2018.
- Agenda Setting with Endogenous Proposal and Applications. FONDECYT N° 1120974, 2012-2015.
- Costly Information Acquisition in Elections: Abstention, Markets and Communication”, FONDECYT Iniciación N° 11080132, 2008-2011.

### **Team membership**

- SPIN, Ca’ Foscari University of Venice, Team leader: Marco LiCalzi.
- Instituciones: Incentivos y Objetivos Sociales. Ministerio de Ciencias e Innovación, ECO2017\_87769. 01/01/2018-31/1/2020. Principal Researcher: Luis Corchón Diaz.
- Instituciones: Incentivos y Objetivos Sociales. ECO2014\_57442, Ministerio de Ciencias e Innovación. 01/01/2015-31/12/2017. Principal Researcher: Luis Corchón Diaz.
- Millenium Institute for Market Imperfection and Public Policies, CORFO, Chile, 01/01/2015-31/12/2019, Principal researcher: Juan Escobar.

- Instituciones: Incentivos y Objetivos Sociales. ECO2011-25330. Ministerio de Ciencias e Innovación. 01/01/2012-31/12/2014. Principal Researcher: Luis Corchón Diaz.
- Legislative Agenda in Chile, Limites Project, Catholic University, Chile. 2010-2011. Principal Researcher: Patricio Valdivieso).
- Incentivos, Objetivos Sociales e Instituciones. ECO2008-02738. Ministerio de Ciencias e Innovación. 01/01/2010-2012. Principal Researcher: Luis Corchón Diaz.
- Incentivos, Objetivos Sociales e Instituciones. SEJ2005-06167/ECON. 15/10/2005-30/12/2008. Ministerio de Educación y Ciencia. Dir Gral. de Investigación. Principal Researcher: Luis Corchón Diaz.
- Incentivos privados y decisiones sociales. BCE-2002-02194 (2002-2005). (8 researchers) Principal Researcher: Luis Corchon Diaz.

### **Editorial Work**

- Referee: American Economic Journal: Microeconomics, B.E Journal of Economics, Games and Economic Behavior Social Choice and Welfare, International Journal of Game Theory, International economic Review, Journal of Dynamics and Games, Mathematical Social Sciences, Scottish Journal of Economics.
- Editorial Committee: LIDER Review (Labor Interdisciplinaria de Desarrollo Regional).

### **Conference Organization and participation**

#### **Conference organization**

- 1018, Latinoamerican Meeting of PhD Students in Modelization, Engineering and Science, Santiago, Chile.
- 2016, Workshop in Matching and Market Design, Santiago, Chile.
- 2014-2017, Workshop in Political Economy & Political Science, Santiago, Chile.
- 2013, Workshop on Games, Contracts, and Organizations, Santiago, Chile.

#### **Conference participation (presenting as author)**

- 2019 “Assignment Problems with Externalities: Strategy Proofness and Coalitional Stability”, Lisbon Meeting in Game Theory and Applications, Lisbon, Portugal;
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- 2019 “Centralized course assignment”, GRASS Workshop. Milan
- 2018, “Centralized course assignment” SECHI Meeting, Valparaíso, Chile.
- 2018, “Centralized course assignment” Workshop in Game Theory and Social Choice, San Luis, Argentina;
- 2017, “Two-sided strategy-proofness in many-to-many matching markets” LACEA-LAMES Conference, Buenos Aires;
- 2017, “Elections and Market Structure”, Workshop in Political Economy & Political Science.
- 2017, “Take-it-or-leave-it contracts in many-to-many matching markets”, SECHI Meeting, Santiago, Chile;
- 2017, “Take-it-or-leave-it contracts in many-to-many matching markets”, Stony Brook International Conference on Game Theory;
- 2017, “Take-it-or-leave-it contracts in many-to-many matching markets”, MATCHUP 2017, Boston;
- 2016, “Take-it-or-leave-it contracts in many-to-many matching markets”, Workshop in Matching and Market Design;
- 2016, “Take-it-or-leave-it contracts in many-to-many matching markets”, LACEA-LAMES Conference, Medellín;
- 2016, “Take-it-or-leave-it contracts in many-to-many matching markets”, World Congress of the Game Theory Society, Maastricht;
- 2015, “On the superiority of voluntary voting”, Workshop in Political Economy & Political Science;
- 2015, “Take-it-or-leave-it contracts in many-to-many matching markets”, XVI JOLATE, Universidad Nacional de San Luis;
- 2015, “On the superiority of voluntary voting”, XXXIX Midwest Political Science Association Conference, Chicago;
- 2014, “Deliberation, endogenous information acquisition and voting”, Workshop in Political Economy & Political Science;
- 2014, “On the superiority of voluntary voting” LACEA-LAMES Conference, Sao Paulo;
- 2014, “Deliberation, endogenous information acquisition and voting” XXXVIII Midwest Political Science Association Conference, Chicago;

- 2013 “Deliberation, endogenous information acquisition and voting”, LACEA-LAMES Conference, Mexico D.F;
- 2013, “Deliberation, endogenous information acquisition and voting”, SECHI Meeting, Santiago, Chile;
- 2013, “A spatial model of voting with endogenous proposal: theory and evidence” XXXVII Midwest Political Science Association Conference, Chicago;
- 2012, “Condorcet meets Cournot: elections and market structure”, World Congress of the Game Theory Society, Istanbul;
- 2011, “Condorcet meets Cournot: elections and market structure” LACEA-LAMES Conference, Santiago;
- 2011, “Condorcet meets Cournot: elections and market structure” SECHI Meeting, Reñaca, Chile;
- 2011, “Condorcet meets Cournot: elections and market structure”, XXXV Midwest Political Science Association Conference, Chicago;
- 2010, “Costly information acquisition: is it better to toss a coin?”, Simposio de Analisis Económico, Madrid;
- 2010, “Costly information acquisition: is it better to toss a coin?”, Second Brazilian Workshop of Game Theory, Sao Paulo;
- 2010, “On the superiority of majority voting”, International Conference on Continuous Optimization, Santiago, Chile;
- 2009, “Reliability and responsibility: a theory of endogenous commitment”, Asociación Argentina de Economía Política, Conference, Mendoza, Argentina;
- 2009, “Reliability and responsibility: a theory of endogenous commitment”, SECHI Meeting, Antofagasta;
- 2008, “Costly information acquisition: is it better to toss a coin?”, “Games with capacity manipulations: incentives and Nash equilibria”, LACEA, LAMES Meeting, Rio de Janeiro;
- 2008, “Costly information acquisition: is it better to toss a coin?”, IX, Jolate, San Luís. Argentina;
- 2008, “Costly information acquisition: is it better to toss a coin?”, SECHI Meeting, Reñaca, Chile;
- 2008, “Costly information acquisition: is it better to toss a coin?”, International Meeting of the Society for Social Choice and Welfare, Montreal;
- 2007, “Reliability and responsibility: a theory of endogenous commitment”, ASSET Meeting, Padova, Italy;



- 2007, “Reliability and responsibility: a theory of endogenous commitment” European Economic Association & Econometric Society Meeting, Budapest;
- 2007, “Reliability and responsibility: a theory of endogenous commitment”, Logic, Game Theory and Social Choice 5, Bilbao;
- 2007, “Reliability and responsibility: a theory of endogenous commitment”, Meeting of the Canadian Economic Association, Halifax, Canada;
- 2006, “Ramón y Cajal, mediation and meritocracy”, XXI Simposio de Análisis Económico, Oviedo, Spain;
- 2006, “Reliability and responsibility: a theory of endogenous commitment” International Meeting of the Society for Social Choice and Welfare, Istanbul;
- 2006, “Reliability and responsibility: a theory of endogenous commitment” Royal Economic Society Annual Conference, Nottingham;
- 2006, “Reliability and responsibility: a theory of endogenous commitment”, First Ph.D. Presentation Meeting, London;
- 2005, “Implementation with renegotiation when preferences and feasible sets are state dependents”, XXX Simposio de Análisis Económico, Murcia;
- 2005, “Reliability and responsibility: a theory of endogenous commitment”, REED Meeting, Seville;
- 2005, “Implementation with renegotiation when preferences and feasible sets are state dependents”, XI Encontro de Novos Investigadores de Análise Económica, Coruña;
- 2005, “Ramón y Cajal, mediation and meritocracy”, Logic, Game Theory and Social Choice 4, Caen;
- 2005, “Implementation with renegotiation when preferences and feasible sets are state dependents”, II Workshop on Social Choice and Welfare Economics, Malaga.

### **Invited seminars**

- Collegio Carlo Alberto, Italy; Universidad of Chile; UNSL, Argentina, Universidad Diego Portales, Chile, IMPA, Brasil; Pontificia Universidad Católica de Chile; Alberto Hurtado University; Universidad de Santiago de Chile, Università di Ferrara, Italy, Universitat de Valencia, Spain Universitat de las Isles Balears, Spain; Università di Venezia, Italy, Università di Verona, Italy; University of Durham, Universidad del Pais Vasco, Spain (Bilbao), University of Vienna, Austria.

### **Prize**

- 2007, prize for the best dissertation in Economics, Universidad Carlos III de Madrid.

### **Honors**

- Italian Qualification as Associate Professor in Political Economy (13/A1), Economic Policy ((13/A2), Public Economics (13/A3) and Mathematical Methods for Economics and Finance (13/D4).
- Evaluator for the following Institutions:
  - Conicyt, Chile.
  - Colciencia, Colombia.
  - Agencia Nacional de Evaluación y Prospectiva (ANEP), Spain.

### **References:**

- Luís Corchón

Professor

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- Antonio Romero-Medina

Associate Professor,

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- Juan Pablo Torres-Martínez

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