

Dr. Guillem Roig

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RESEARCH EXPERTISE

I am an industrial organization economist with a strong understanding of microeconomics and expertise in horizontal agreements, misuse of market power, market design, and intellectual property. I can provide robust and accurate technical analysis in competition policy and regulation and identify relevant economic frameworks to deliver high-quality technical work.

ACADEMIC EDUCATION

Ph.D. Economics 2015

[Toulouse School of Economics](#), Toulouse, France.

Essays on Industrial Organization and Contract Theory (Prof. Jacques Crémer).

M.Sc. Economics of Markets and Organizations 2009

[Toulouse School of Economics](#), Toulouse, France.

M.Sc. Economics in Competition and Market Regulation 2008

[Barcelona Graduate School of Economics](#), Barcelona, Spain.

B.Sc. Economics and Business 2007

[Universitat Pompeu Fabra](#), Barcelona, Spain.

Award: Planeta Award for the Ten Best Academic Records in Economics.

B.A. Economics and Philosophy (Erasmus Exchange Program) 2005

[University of Saint Andrews](#), Saint Andrews, Scotland.

ACADEMIC POSITIONS

Assistant Professor, Faculty of Economics 2016 - Present

[Universidad del Rosario](#), Bogotá, Colombia.

Research Fellowship 2015 - 2016

[Center for Market Design, University of Melbourne](#), Melbourne, Australia.

Teaching Assistant Teaching and Research scholarship (ATER) 2011-2013

[Toulouse School of Economics](#), Toulouse, France.

Research Assistant 2005 - 2006

[Development Economics Center and Research Group, The World Bank](#), Washington DC, USA.

RESEARCH

Publications (5)

- Roig, G. (2022) *The Value of Cooperative Investment in Nonexclusive Contracts*, *Economic Inquiry*. Vol. 60(3), pp. 1018-1038.

- Roig, G. (2022) *Tacit Collusion with Preference costs*, *The B.E. Journal of Theoretical Economics*. Vol. 22(1), pp. 297-310.

- Roig, G. (2021) *Collusive Equilibria with Switching Costs: the Effect of Consumers' Concentration*, *Journal of Economics & Management Strategy*. Vol. 30(1), pp 100-121.

- Roig, G. (2020) *Competition with Nonexclusive Contracts: Tackling the Hold-up Problem*, *The B.E. Journal of Theoretical Economics*, Vol. 20(2), pp. 1-21.

	<ul style="list-style-type: none"> - Roig, G. (2020) <i>Product Compatibility Hinders Pre-emptive Advertising</i>, <i>Economic Inquiry</i>, Vol 58(4), pp. 1663-1688.
Working papers (4)	<ul style="list-style-type: none"> - Erkal, N. and G. Roig <i>Project Feasibility and Disclosure of Intermediate Research Outcomes</i>. - Roig, G. <i>Introduction Delay as a Pre-emptive Strategy in Innovation Processes</i>. - Erkal, N. and G. Roig <i>Sharing Bad News with Rivals</i>. - Ferraz, E. and G. Roig <i>Optimal Academia Research Incentives in the Presence of Industry</i>.
Work in progress (5)	<ul style="list-style-type: none"> - Roig, G. <i>Specialization and Learning in Relational Contracts</i>. - Roig G. and S. Sautua <i>Effects of Citizens Demand for Market Regulation on Innovation</i>. - Kayi, C. and G. Roig <i>Innovation in Vertical Related Markets</i>. - Kim S-H.G. and G. Roig <i>The Hold-up Problem in a Loss Domain</i>. - Roig, G. <i>Advertising and Welfare in Partially Compatible Products</i>.
Consultancy articles (5)	<ul style="list-style-type: none"> - Opportunities for Market Design in the Waste Sector of NSW with Gary Stoneham, <i>The Center for Market Design</i>, 2018. - Incentive Provision for Language Services: Project Scoping and Framing with Gary Stoneham, <i>The Center for Market Design</i>, 2018. - Permanence Clauses in the Mobile Industry in Colombia: is the Technological Divide Shrinking? <i>EMERICS Global Project, [EC21 Inc.]</i>, 2017. - Monetary vs Multidimensional Poverty in Colombia. Where do we stand? <i>EMERICS Global Project, [EC21 Inc.]</i>, 2017. - A Designed Approach to Pricing and Procurement of Legal Services with Gary Stoneham, <i>The New Legal Paradigm Issues paper</i>, 2015.
Research grants	<p>2021: ERASMUS+ KA107. Mobility grant for teaching and research (1,400 Euro / 2,185 AUD).</p> <p>2016: Initial funding for research development (Universidad del Rosario). Project: Information Disclosure: market structure, contracts and innovation. (30.000,000 COP / 10,400 AUD).</p>
Journal editor	New Economic Papers on Contract Theory and Applications.
Academic visits	<p>September-December 2022: Queensland University of Technology - Visiting Professor - Australia.</p> <p>May 2021: Universidad de León - Visiting Professor - ERASMUS+ KA107, Spain.</p> <p>January 2019: Universität Bayreuth - Visiting Professor, Germany.</p> <p>May-June 2019: University of Melbourne - Visiting Professor, Australia.</p>

October-December 2018: University of Surrey - Visiting Professor, UK.
May-July 2018: University of Melbourne - Visiting Professor, Australia.
May-September 2017: University of Melbourne - Visiting Professor, Australia.
May-September 2014: ATE Research Network, Massey University - Ph.D. Student exchange, New Zealand.
May 2012-May 2014: Universitat Autònoma de Barcelona - ENTER-Exchange, Spain.
January 2012: Humboldt Universität Berlin, Germany.
August-September 2011: University of Arizona, Department of Law, USA.
April-May 2011: Central bank of Colombia.

Reviewer Journal of Economics & Management Strategy; Journal of Industry, Competition and Trade; Mathematical Social Sciences; Latin American Economic Review; Economic Modelling; German Economic Review; Ensayos de Economía; Cuadernos de Economía.

AFFILIATIONS **2016-present:** Universidad del Rosario, Colombia.
2015-present: Center for Market Design (CMD), University of Melbourne, Australia.
2014-2019: Research Network in Applied and Theoretical Economics (ATE), New Zealand.
2009-2014: Research Group in Mathematical and Quantitative Economics (GRE-MAQ), France.

Honours and Awards - Ph.D. Dissertation: Highest Distinction with Congratulations of the Jury, 2015.
- Ph.D. Scholarship of the French Ministry of Education, 2009-2013.
- Full Tuition Waiver, Barcelona Graduate School of Economics, 2007.
- Planeta Award for the Ten Best Academic Record in Economics, 2007.

TEACHING

Teaching profile **Economics Department, Universidad del Rosario:**
Lecturer
- **Game theory** (Graduate) 2016-Present
- **Microeconomics II** (Undergraduate) 2021-Present
Course coordinator and Lecturer
- **Introduction to economics** (Undergraduate) 2017-Present
Economics Department, Toulouse School of Economics:
Tutor
- **Initiation à la Economie (Undergraduate)** 2011-2013

Teaching awards 2018: Excellence Teaching Award “Juan Agustín Uricoechea Navarro,” Colombia.

SUPERVISION

HDR students

Completed supervision

1. Master Thesis: Juan Jose Galeano (2022 - 4.4/5)

Thesis title: Commitment in Prices: Case for Volatility Averse Consumers.

2. Master Thesis: Diego Mauricio Perez (2022 - 4.3/5)

Thesis title: Analysis about the Public Transport Concession in Bogotá Based on Moral Hazard and Adverse Selection.

3. Master Thesis: Daniel Torralba (2021 - 3.9/5)

Thesis Title: Colaboraciones Asimétricas en I+D entre Universidades.

4. Master Thesis: Daniel Casallas (2018 - 5/5 Highest Distinction)

Thesis Title: Entry Deterrence in Deregulated Air Transport Markets.

Current supervision

1. PhD: Renzo Clavijo

Thesis title: Essays on Industrial Organization in the Telecommunications Industry.

2. Master Thesis: Victor Andres Balcarcel Guzman

Thesis title: Conductas oportunistas en los contratos APP.

3. Undergraduate Thesis: Camila Andrea Muñoz Velasquez

Thesis title: Comercio internacional y la exportación de flores en Colombia.

Internal service

Committee Work at Department of Economics, Universidad del Rosario

Double degrees programs

- Member of Parallel Degree Committee with London School of Economics and Political Science (LSE), 2021-present.
- Member of Double Degree Committee Universidad del Rosario and the Toulouse School of Economics, 2016-present.

Academic

- Academic Coordinator National Academic Economics Contest (CANE), 2019-present.
- Member of Doctoral Accreditation Committee, 2019-present.
- Member of Microeconomics Curriculum Committee, 2017-present.
- Member of Curriculum Development Committee, 2017-present.

Research

- Member of Doctoral Committee, 2019-present.
- Head of Graduate Assistant Program, 2019-2020.
- Organizer Undergraduate Research Meeting, 2019-2020.
- Head of Young Researchers Program, 2017-2020.

Internationalization

- Chair of Internationalization Committee, 2019-present.
- Member of Internationalization Committee, Department of Economics, Universidad del Rosario, 2017-present.

External service **Conference and Workshop Organization**

- Session Chair R&D, 2021 Virtual Meeting of the International Industrial Organization Conference.
- Session Chair Health Care R&D, 2021 Virtual Meeting of the International Industrial Organization Conference.
- Organizing Committee, Latin America Econometric Society, 2018.
- Coordinating Head Industrial Organization Workshop, Department of Economics, Universidad del Rosario, 2017-2018.

External examiner

1. Alejandro Núñez Arroyo
Master Thesis: Information Seeking with Selective Memory. Universidad del los Andes, Colombia, 2018.
2. Renzo Clavijo
Master Thesis: Price Discrimination Under Non-uniform Calling Circles and Call Externalities. Universidad del Rosario, Colombia, 2017.

Engagement: conferences and seminars

2023: Theory Seminar University of Keio (scheduled); Theory Seminar University of Kwuansai (scheduled); Theory Seminar University of Hitotsubashi (scheduled); Theory Seminar University of Osaka (scheduled); Internal Seminar Universidad Javeriana; 15 Conference Digital (Toulouse School of Economics).

2022: Theory seminar Universitat de Barcelona; Internal Seminar Griffith University; Theory Seminar University of Melbourne; Brown Bag Seminar Queensland University of Technology; Theory seminar University of Queensland; Universitat de Barcelona Microeconomics Workshop; Econometric Society Australasian Meeting (Virtual). Meeting of the International Industrial Organization Conference (Boston).

2021: Research Seminar Universidad de León; Virtual Meeting of the International Industrial Organization Conference; Economic Theory Seminar Universitat de Barcelona.

2019: Research day Universidad del Rosario; Universität Bayreuth; Internal Seminar Universidad del Rosario.

2018: XXXIII Jornadas de Economía Industrial; Universidad Nacional de Colombia; Universidad de los Andes; Universidad Javeriana; Internal Seminar Universidad del Rosario.

2017: Internal Seminar University of Auckland; Internal Seminar University of Melbourne; Internal Seminar Universitat Rovira i Virgili; Internal Seminar Universidad del Rosario.

2016: Internal Seminar Universitat Rovira i Virgili; Research Day Universidad del Rosario; Latin America Econometric Association; 16th Association for the Advancement of Economic Theory; 34th Australasian Economic Theory Workshop; Internal Seminar Universitat de les Illes Balears; Internal Seminar Universidad Pontificia Javeriana; Internal Seminar Universidad del Rosario; Internal Seminar Universidade Católica Lisbon.

2015: 3rd Applied and Theoretical Economics Symposium Auckland; Internal Seminar Monash University; Internal Seminar Deakin University; Internal Seminar Melbourne University; 33th Australasian Economic Theory Workshop.

2014: Internal Seminar Victoria University; Internal Seminar Massey University; Internal Seminar University of Auckland; Internal Seminar IESE Business School; Internal Seminar Universitat Autònoma de Barcelona; 7th RGS Doctoral Conference in Economics; 2nd PhD Workshop on Industrial and Public Economics; ADRES Doctoral Conference.

2013: Internal Seminar Universitat Autònoma de Barcelona; XXXVIII Jornadas de Economía Industrial; European Association for Research in Industrial Economics (EARIE); 3rd NIE Doctoral Student Colloquium; Centre de Recerca en Economia Industrial i Economia Publica (CREIP); Internal Seminar Toulouse School of Economics; European Network for Exchange on Training in Economic Research (ENTER); Internal Seminar Universitat de Barcelona.

2012: II Encuentro de Especialización de Economía y Empresa Universidad de Granada.

2011: Internal Seminar Eller College of Management.

LANGUAGES Catalan (Native), Spanish (Native), English (105-TOEFL iBT, 2020), French (C1), German (B1).

REFERENCES Professor **Nisvan Erkal** (+61) 383.44.33.07
University of Melbourne nisvan@unimelb.edu.au

Professor **Jacques Crémer** (+ 33) 561.12.85.89
Toulouse School of Economics jacques.cremer@tse-fr.eu

Professor **Juanjo Ganuza** (+34) 93.542.27.19
Universitat Pompeu Fabra juanjo.ganuza@upf.edu

Professor **Juan Fernando Vargas** (+1) 917 442 2516
Universidad del Rosario juan.vargas@urosario.edu.co,