

RENATO GOMES

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EDUCATION

H.D.R., Economics, University of Toulouse Capitole, 2020
adviser: Jean Tirole
Ph.D., Economics, Northwestern University, 2010
co-advisors: Alessandro Pavan and Marco Ottaviani
M.A., Economics, Northwestern University, 2007
M.S. *summa cum lauda*, Economics, Pontifical Catholic University of Rio de Janeiro, 2005
B.S., Economics, Pontifical Catholic University of Rio de Janeiro, 2002

CURRENT POSITIONS

Professor of Economics (tenured), Toulouse School of Economics, 2017-present
Senior Researcher (*directeur de recherche*), CNRS, 2021-present
Research Fellow, CEPR, 2020-present

PAST POSITIONS

Researcher (*chargé de recherche*), CNRS, 2015-2021
Research Affiliate, CEPR, 2013-2020
Assistant Professor, Toulouse School of Economics, 2010-2017
Visiting Research Economist, Google Research, New York, Fall 2011, Summer 2013
Visiting Assistant Professor, Pontifical Catholic University of Rio de Janeiro, Summer 2010

PAPERS IN REFEREED JOURNALS

“Bayes-Nash Equilibria of the Generalized Second-Price Auction” (with Kane Sweeney)
Games and Economic Behavior, Vol. 86 (2014)

“Optimal Auction Design in Two-Sided Markets”
Rand Journal of Economics, Vol. 45 (2014)

“Experimentation and Project Selection: Screening and Learning” (w. D. Gottlieb and L. Maestri)
Games and Economic Behavior, Vol. 96 (2016)

“Many-to-Many Matching and Price Discrimination” (with Alessandro Pavan)
Theoretical Economics, Vol. 11 (2016)

“Differential Taxation and Occupational Choice” (with J.-M. Lozachmeur and Alessandro Pavan)
Review of Economic Studies, Vol. 85 (2018)

“Missed Sales and the Pricing of Ancillary Goods” (with Jean Tirole)
Quarterly Journal of Economics, Vol. 133 (2018)

“Shrouded Transaction Costs: Must-Take Cards, Discounts and Surcharges” (with H el ene Bourguignon and Jean Tirole)
International Journal of Industrial Organization, Vol. 63 (2019)

“Competitive Screening under Heterogeneous Information” (with D. Garrett and L. Maestri)
Review of Economic Studies, Vol. 86 (2019)

“Oligopoly under Incomplete Information: On the Welfare Effects of Price Discrimination” (with Daniel Garrett and Lucas Maestri)
International Journal of Industrial Organization, Vol. 79 (2021)

“Price Customization and Targeting in Matching Markets” (with Alessandro Pavan)
conditionally accepted at the *Rand Journal of Economics*

Renato Gomes Vitae

WORKING PAPERS

“Nonlinear Pricing in Oligopoly: How Brand Preferences Shape Market Outcomes”
(with Jean-Marie Lozachmeur and Lucas Maestri)

“Regulating Platform Fees under Price Parity” (with Andrea Mantovani)

“Mobile Payments and Interoperability: Insights from the Academic Literature”
(with Milo Bianchi, Matthieu Bouvard, Andrew Rhodes and Vatsala Shreeti)

WORK IN PROGRESS

“Screening under Price Constraints” (with Patrick Rey and Jean Tirole)

“Gate-keeping at the Counter: The Regulation of Stacked Payment Platforms” (with Y. Lefouili)

“How (Not) to Unscramble Eggs” (with Alexandre de Cornière and Bruno Jullien)

BOOK CHAPTER

“Two-Sided Markets, Platforms, and Matching Design” (with Alessandro Pavan), in *Online and Matching-Based Market Design* (edited by Federico Echenique, Nicole Immorlica and Vijay Vazirani), Cambridge University Press (*forthcoming*).

PAPERS IN REFEREED CONFERENCE PROCEEDINGS

“Optimal Revenue-Sharing Double Auctions with Applications to Ad Exchanges” (with Vahab Mirrokni)

Proceedings to the 23rd International World Wide Web Conference (WWW2014)

“Bayes-Nash Equilibria of the Generalized Second-Price Auction – Extended Abstract” (with Kane Sweeney)

Proceedings to the 10th ACM Conference on Electronic Commerce (EC09)

“Externalities in Keyword Auctions: an Empirical and Theoretical Assessment” (with Nicole Immorlica and Evangelos Markakis)

Proceedings to the 5th Workshop on Internet and Network Economics (WINE09)

OTHER PUBLICATIONS

“Sponsored Search Auctions: Simple Economics and Implications for Antitrust Policy”
CPI Antitrust Chronicle, Vol. 7(2) (2010)

“Card Surcharges and Cash Discounts: Simple Economics and Regulatory Lessons”, (with H el ene Bourguignon and Jean Tirole)

CPI Antitrust Journal, Vol. 10(2) (2014)

SEMINARS AND CONFERENCES

2021/22: FGV-EPGE, ANPEC Brazil, AEA meeting

2020/21: CEPR VIOS, Besan on CRESE, Hebrew University of Jerusalem, TSE-Alibaba Conference “Digital Platforms: Opportunities and Challenges”, NYU Stern IO Seminar, PSE Regulation and Environment Seminar, CSIO-TSE IO Workshop, CEPR Applied IO Conference, EARIE 2021 (Bergen)

2019/20: Mannheim, Bologna, Lisbon Meetings in Game Theory and Applications, Yale Tobin Center, HEC Paris, Collegio Carlo Alberto - Carlos 3 (online), Virtual Market Design Seminar (Bonn, Mannheim and Karlsruhe), Online Economics of Platforms Seminar (TSE, BU and NUS), Ofcom (online), Frankfurt School and Goethe University Micro Seminar (online), EARIE 2020 (Bologna)

2018/19: Tilburg (TILEC), Berlin (Humboldt), Paris-Dauphine, Glasgow, Bocconi, Zurich, European Commission, FGV-EPGE, Central Bank of Brazil, Higher School of Economics

Renato Gomes Vitae

2017/18: EARIE 2017 (Maastricht), Paris Workshop on Economics of Antitrust and Consumer Protection, Pompeu Fabra, AEA meeting (Philadelphia), University of Groningen, University of Bologna, CEPR ESSET 2018, FGV-EPGE, INSPER, Central Bank of Brazil

2016/17: TNIT Meeting (Microsoft), Norwegian School of Economics, 10th Conference on the Economics of Intellectual Property, Software and the Internet (Toulouse), Paris School of Economics - TOM seminar, IDEI-CSIO conference (Northwestern), Tilburg University, 2nd Berlin Workshop on the Economics of Platforms

2015/16: Warwick, University College London, National University of Singapore, University of Southampton, 1st Berlin Workshop on the Economics of Platforms, Paris School of Economics - Roy seminar, EEA-ESEM (Geneva)

2014/15: EARIE 2014 (Milan), Mannheim, Paris School of Economics (TOM seminar), Pompeu Fabra, CREST, AEA-ESWM (Boston), University of Naples, FGV-EESP

2013/14: Edinburgh, Bilkent, ENTER Jamboree (Stockholm), Northwestern, Columbia, Oxford, CEPR Applied IO Conference, INSPER Sao Paulo, EEA-ESEM (Toulouse)

2012/13: ECARES, SED 2013, SAET 2013, Stony Brook Game Theory Festival 2013, Summer Theory Conference HKU-UBC 2013, Google, EC 2013 (AdAuctions Workshop)

2011/12: Ecole Polytechnique, Upenn, Yale, NYU Stern, Google, ESWM (Denver), LAGV 2012, CEPR ESSET 2012 (Gerzensee)

2010/11: 10th World Congress of the Econometric Society, 4th INTERTIC Conference, SED 2011, ESEM 2011, EARIE 2011, FGV-EPGE, FGV-EESP

2009/10: Northwestern, Cornell, Bonn, Maastricht, MIT Sloan, Boston University, Arizona State, Toulouse, Bocconi, IESE, Collegio Carlo Alberto, Google, Catholic University of Rio de Janeiro, ZEW Conference on Platform Markets

2008/09: 10th ACM Conference on Electronic Commerce (EC09), 5th Workshop on Ad Auctions, Yahoo! Research, London Business School, CWI (Amsterdam), University of Maastricht

PROFESSIONAL SERVICES

Referee for *American Economic Journal: Microeconomics*, *American Economic Review*, *AER: Insights*, *B.E. Journal of Theoretical Economics*, *Canadian Journal of Economics*, *Econometrica*, *Economia Aplicada*, *Economics Letters*, *Economic Theory*, *Economic Journal*, *Emerging Markets Finance and Trade*, *European Economic Review*, *European Journal of Operational Research*, *Games*, *Games and Economic Behavior*, *Game Theory*, *ICALP*, *International Economic Review*, *International Journal of Game Theory*, *International Journal of Industrial Organization*, *Journal of Economic Theory*, *Journal of Economics and Management Strategy*, *Journal of the European Economic Association*, *Journal of Industrial Economics*, *Journal of Law and Economics*, *Journal of Network Economics*, *Journal of Public Economics*, *Journal of Public Economic Theory*, *Management Science*, *Mathematics of Operations Research*, *Operations Research*, *Quarterly Journal of Economics*, *Quantitative Marketing and Economics*, *Rand Journal of Economics*, *Review of Economic Design*, *Review of Economic Dynamics*, *Review of Economic Studies*, *Review of Industrial Organization*, *Scandinavian Journal of Economics*, *Scottish Journal of Economics*, *Theoretical Economics*, *Transactions in Economics and Computation*

Renato Gomes Vitae

PC member of the 2011 Annual Meeting of the Brazilian Econometrics Society
PC member of the 2012 North American Summer Meeting of the Econometric Society
PC member of the 14th ACM Conference on Electronic Commerce (EC13)
PC member of the 2014 Latin American Meeting of the Econometric Society
PC member of the 15th ACM Conference on Electronic Commerce (EC14)
PC member of the ACM Conference on Economics and Computation (EC16)
PC member of the 2016 Annual Meeting of the Brazilian Econometrics Society
PC member of the ACM Conference on Economics and Computation (EC17)
PC member of the ADRES Doctoral Conferences 2018, 2019
PC member of the 2020 European Economic Association Annual Congress
PC member of the 2020 Econometric Society World Congress
Chair of the ADRES Doctoral Conference 2017
Member of the TSE Recruiting Committee: 2011, 2012, 2014, 2017-present
Secretary of the IO Group at TSE: 2013-2017
Member of the Conseil de Perfectionnement du M2 ETE: 2017-present
Junior Placement Officer at TSE: 2017-18
Member of TSE Strategy Committee (10-vision): 2017-18, 2020
External Member of the Recruitment Committee of the École Normale Supérieure de Lyon: 2018
Chair of Junior Recruitment Committee at TSE: 2018-19
TSE PhD Placement Officer: 2020-2022
Co-organizer of the IO Seminar at TSE: 2012-2014, 2020-22
Co-organizer (with Alessandro Pavan) of the CSIO-TSE Workshop in IO: 2021-22
Associate Editor of the International Journal of Industrial Organization: 2022-2024

TEACHING

Reading Group on Behavioural Industrial Organization (jointly with Andrew Rhodes): 2022
Theory of Incentives (M1): 2020, 2021
Behavioral Industrial Organization: (DEEQA - 2nd year of PhD): 2021, 2022
Microeconomics 1 (M2 - 1st year of PhD): 2010, 2012-2021
Topics in Economic Theory (DEEQA - 2nd year of PhD): 2018-2021
Topics in Applied Industrial Organization – Economics of Payments Methods (M2 - Professional Masters): 2019-2022
Continuous-Time Methods in Economic Theory (DEEQA - 2nd year of PhD): 2013, 2014
Industrial Organization (M1): 2011

STUDENT SUPERVISION

Masters (M2): Jimena Ferraro (2011), Thibaut Roques (2011), Rafael de Melo Ferraz (2012), Adrian Torchiana (2012), Faik Aliev (2012), Roberto Sarkisian (2014), Luis Abreu (2015), Jingting Bao (2016), Alae Baha (2017), Vatsala Shreeti (2017), Giulia Lenone (2018), Lisa Botbol (2018), Yaxin Li (2018), Vincent Xu (2020), Yanxin Li (2021)

PhD: Jimena Ferraro (2012-16) - with Bruno Jullien
Alae Baha (2017-2022)
Vatsala Shreeti (2017-2022) - with Stephane Straub
Yaxin Li (2018-present)
Mudit Dhakar (2020-present)

Other: Lucas Pinha (2017) - supervisor during PhD exchange visit at TSE
Christoph Wolf (2017) - supervisor during PhD exchange visit at TSE

Renato Gomes Vitae

PARTICIPATION IN PhD COMMITTEES

Jimena Ferraro (2016, at TSE, as co-advisor)
Lucas Campio Pinha (2018, at Federal University of Viçosa, as regular jury member)
Rafael de Melo Ferraz (2018, at Telecom ParisTech, as regular jury member)
Shuguang Zhu (2018, at TSE, as regular jury member)
Alae Baha (2022, at TSE, as main advisor)
Vatsala Shreeti (2022, at TSE, as co-advisor)
Simon Gleyze (2022, at PSE, as report writer)

FELLOWSHIPS, GRANTS AND AWARDS

NET Institute Grant 2020
ERC Starting Grant (2018-2023)
ANR Jeune Chercheur Jeune Chercheuse (2017-2019) - declined
EARIE Young Economist Essay Award, 2014
Dissertation Year Fellowship, Northwestern University, 2009-10
Yahoo! Key Technical Challenges (KTC) Grant, 2008
Center for the Study of Industrial Organization Fellowship, Northwestern University, 2008
Graduate Fellowship, Northwestern University, 2005-2009

PATENT

“Allocation Of Content Inventory Units”, US Patent #13/763,310 (joint with Martin Pal, Gagan Goel, Vahab Mirrokni, and Eyal Manor)

PROFESSIONAL MEMBERSHIPS

Econometric Society, American Economic Association, European Economic Association,
European Association for Research in Industrial Economics

LANGUAGES

Portuguese (native), English (fluent), French (fluent), Spanish (basic)