LUÍS M B CABRAL
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New York, NY 10012

Research Proposal:

Dominant Firms and Innovation Incentives

One of the most salient features of many high-tech industries is the role played by one or a few dominant firms: Microsoft, Google, Intel, Facebook, Apple, etc. The high level of market-share concentration is partly due to the network (or platform) nature of these industries, and it raises a number of important innovation policy issues. Particularly important is the question, Are dominant firms good for innovation?

In an ongoing theory project, I address this and related questions based on a framework that allows both for imitation (think Google Play imitates Pandora or Spotify); and acquisition (think Google acquires Waze). How do these two features of dominant firms (imitation and acquisition) shape other firms' innovation incentives? How does the antitrust treatment of dominant firms -- in cases such as US vs Microsoft or DG Comp vs Intel -- influence the rates of incremental and radical innovation?

I would also like to continue the development of my theoretical framework, which is currently set in discrete time and as such a bit cumbersome and hard to work with.

More important, I would like to complement my theoretical analysis with empirical analysis. I do not expect to find existing data sets that I can directly apply to examine the issues mentioned in the previous paragraphs. Rather, I would like to create a small dataset of new ventures and follow them to either failure or market launch (possibly with imitation) or acquisition by a "giant"; and in the process get a better understanding of the role of imitation and acquisition in shaping innovation incentives.

Budget

My request for funding is justified by the process of data set creation, for which I would like to hire one or more research assistants. Specifically, the budget corresponds to the equivalent to a full-time research assistant during the summer, which I estimate at $9,600.

January 2018

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New York, NY 10012

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CURRENT APPOINTMENTS

Paganelli-Bull Professor of Economics and International Business (2013–),

Professor of Economics (2000–),

Professor of Management and Organizations (by courtesy) (2001–),

Chair, Department of Economics (2015–),

all at Stern School of Business, New York University.

PREVIOUS APPOINTMENTS

Research Professor (2000–2003), Stern School of Business, New York University.

W. R. Berkley Term Professor of Economics (2006–2013), New York University.

Professor of Economics, IESE Business School, 2009–2011.

Visiting Professor, Dept. of Economics and Cowles Foundation, Yale Univeristy (2006–2007).

Chair, Department of Economics, Stern School of Business, New York University (2003–2006).

Visiting Associate Professor, Haas School of Business, U. California–Berkeley (1999–2000).

Associate Professor (1996–1998), Professor (1998–2000), London Business School.

Teaching Assistant (1984–85), Assistant Professor (1989–92), Associate Professor (1992–96), Professor (1996–2000), Faculdade de Economia, Universidade Nova de Lisboa.

Teaching and Research Assistant, Stanford University, 1988–89.

Summer intern, General Motors Research Laboratories (Operating Sciences Dept.), 1988.

Teaching Assistant, Universidade Católica Portuguesa, 1979–85.

EDUCATION

Ph.D. in Economics, June 1989, Stanford University. Thesis advisor: Paul Milgrom.
Thesis committee: Paul Milgrom, Michael Riordan, Tim Bresnahan, Roger Noll

Masters in Economics, June 1985, Universidade Nova de Lisboa.

B.A. ("Licenciatura") in Economics, June 1983, Universidade Católica Portuguesa.

■ PUBLICATIONS: JOURNAL ARTICLES

Cabral, Luís, Zhu Wang and Daniel Xu (2017), "Competitors, Complementors, Parents and Places: Explaining Regional Agglomeration in the U.S. Auto Industry," forthcoming in *Review of Economic Dynamics*.

Cabral, Luís, and Gonalo Pacheco-de-Almeida (2017), "Alliance Formation and Firm Value," forthcoming in *Management Science*.

Cabral, Luís (2016), "We're Number 1: Price Wars for Market Share Leadership," forthcoming in *Management Science*.

Cabral, Luís (2017), "Competition Policy in the Global Era," *New Zealand Economic Papers* **51**, 100–108.

Cabral, Luís (2016), "Media Exposure and Corporate Reputation," *Research in Economics* **70**, 735–740.

Special Issue on Industrial Organization

Cabral, Luís, and Gabriel Natividad (2016), "Box-Office Demand: The Importance of Being #1," *Journal of Industrial Economics* **64**, 277–294.

Cabral, Luís (2016), "Dynamic Pricing in Customer Markets with Switching Costs," *Review of Economic Dynamics* **20**, 43–62.

Cabral, Luís (2016), "Living Up To Expectations: Corporate Reputation and Persistence of Firm Performance," *Strategy Science* **1**, 1–10.

Lead article in new journal

Cabral, Luís, and Gabriel Natividad (2016), "Cross-selling in the US home video industry," *Rand Journal of Economics* **47**, 29–47.

Cabral, Luís, and Lingfang (Ivy) Li (2015), "A Dollar for Your Thoughts: Feedback-Conditional Rebates on eBay," *Management Science* **61**, 2052–2063.

Cabral, Luís, Erkut Ozbay and Andrew Schotter (2014), "Intrinsic and Instrumental Reciprocity: An Experimental Study," *Games and Economic Behavior* **87**, 100–121.

Cabral, Luís (2014), "Good Turnover and Bad Turnover: Barriers to Business and Productivity," *Economics Letters* **125**, 179–181.

Cabral, Luís, and David Salant (2014), "Evolving Technologies and Standards Regulation," *International Journal of Industrial Organization* **36**, 48–56.

Special issue on Standards, Intellectual Property & Innovation

Cabral, Luís (2014), "Aftermarket Power and Foremarket Competition," *International Journal of Industrial Organization* **35**, 60–69.

Cabral, Luís, Duarte Brito and Helder Vasconcelos (2014), "Divesting Ownership in a Rival," *International Journal of Industrial Organization* **34**, 9–24.

Cabral, Luís (2012), "Lock in and switch: Asymmetric information and new product diffusion," *Quantitative Marketing and Economics* **10**, 375–392.

Cabral, Luís (2012), "Technology Uncertainty, Sunk Costs, and Industry Shakeout," *Industrial and Corporate Change* **21**, 539–552.

Lead article

Cabral, Luís (2012), "Oligopoly Dynamics," *International Journal of Industrial Organization* **30**, 278–282.

Lead article (EARIE Presidential Address)

Cabral, Luís, and Artur Fishman (2011), "Business as Usual: A Consumer Search Theory of Sticky Prices and Asymmetric Price Adjustment," *International Journal of Industrial Organization* **30**, 371–376.

Co-winner of the 2013 Paul Geroski Prize for Best Paper Published in IJIO

Cabral, Luís, and Helder Vasconcelos (2011), "Vertical Integration and Right of First Refusal," *Economics Letters* **113**, 50–53.

Cabral, Luís (2011), "Dynamic Price Competition with Network Effects," *Review of Economic Studies* **78**, 83–111.

Cabral, Luís, and Ali Hortaçsu (2010), "The Dynamics of Seller Reputation: Theory and Evidence from eBay," *Journal of Industrial Economics* **58**, 54–78.

Reprinted in S Greenstein, A Golfarb and C Tucker (Eds), *The Economics of Digitization*, Edward Elgar, 2013.

Reviewed by *The Wall Street Journal* and other media

Cabral, Luís (2009), "Umbrella Branding with Imperfect Observability and Moral Hazard," *International Journal of Industrial Organization* **27**, 206–213.

Cabral, Luís, and Cristian Deszö (2008), "Technology Adoption With Multiple Alternative Designs and the Option to Wait," *Journal of Economics and Management Strategy* **17**, 413–441.

Cabral, Luís, and Thomas Ross (2008), "Are Sunk Costs a Barrier to Entry?," *Journal of Economics and Management Strategy* **17**, 97–112.

Anderson, Axel, and Luís Cabral (2007), "Go for Broke or Play it Safe? Dynamic Competition with Choice of Variance," *Rand Journal of Economics* **38**, 593–609.

Cabral, Luís (2007), "Small Firms in Portugal: A Selective Survey of Stylized Facts, Economic Analysis, and Policy Implications," *Portuguese Economic Journal* **6**, 65–88.

Cabral, Luís (2005), "An Equilibrium Approach to International Merger Policy," *International Journal of Industrial Organization* **23**, 739–751.

Special issue on Merger Control in International Markets

Cabral, Luís, and J. Miguel Villas-Boas (2005), "Bertrand Supertraps," *Management Science* **51**, 599–613.

Finalist, 2005 John D. C. Little Best Paper Award (INFORMS Society for Marketing Science).

Finalist, 2013 Long Term Impact Award (INFORMS Society for Marketing Science).

Cabral, Luís (2004), "Simultaneous Entry and Welfare," *European Economic Review* **48**, 943–957.

Lead article

Cabral, Luís, and José Mata (2003), "On the Evolution of the Firm Size Distribution: Facts and Theory," *American Economic Review* **93**, 1075–1090.

Cabral, Luís (2003), "International Merger Policy Coordination," *Japan and the World Economy* **15**, 21–30.

Cabral, Luís (2003), "Horizontal Mergers With Free Entry: Why Cost Efficiencies May be a Weak Defense and Asset Sales a Poor Remedy," *International Journal of Industrial Organization* **21**, 607–623.

Lead article

Cabral, Luís (2003), "R&D Competition When Firms Choose Variance," *Journal of Economics and Management Strategy* **12**, 139–150.

Cabral, Luís (2002), "Increasing Dominance With No Efficiency Effect," *Journal of Economic Theory* **102**, 471–479.

Cabral, Luís (2000), "Stretching Firm and Brand Reputation," *RAND Journal of Economics* **31**, 658–673.

Reprinted in J McCluskey and J Winfree (Eds), *The Economics of Reputation*, E. Elgar, 2017

Cabral, Luís (2000), "R&D Cooperation and Product Market Competition," *International Journal of Industrial Organization* **18**, 1033–1047.

Barros, Pedro P., and Luís Cabral (2000), "Competing For Foreign Direct Investment," *Review of International Economics* **8**, 360–371.

Arvan, Lanny, Luís Cabral, and Vasco Santos (1999), "Meaningful Cheap Talk Must Improve Equilibrium Payoffs," *Mathematical Social Sciences* **37**, 97–106.

Cabral, Luís, David Salant, and Glenn Woroch (1999), "Monopoly Pricing with Network Externalities," *International Journal of Industrial Organization* **17**, 199–214.

Cabral, Luís, António S. Mello (1997), "Exchange Rates and Market Shares," *Economics Letters* **55**, 61–67. Erratum, **57** (1997), 127–128.

Cabral, Luís, and Michael Riordan (1997), "The Learning Curve, Predation, Antitrust, and Welfare," *Journal of Industrial Economics* **45**, 155–169.

Cabral, Luís (1995), "Conjectural Variations as a Reduced Form," *Economics Letters* **49**, 397–402.

Cabral, Luís, and József Sákovics (1995), "Must Sell," *Journal of Economics and Management Strategy* **4**, 55–68.

Cabral, Luís (1995), "Sunk Costs, Firm Size and Firm Growth," *Journal of Industrial Economics* **43**, 161–172.

Translated into Chinese and published in *Economic Development Research* (East China University of Science and Technology), No. 4, 1996.

Cabral, Luís (1994), "Bias in Market R and D Portfolios," *International Journal of Industrial Organization* **12**, 533–547.

Cabral, Luís, and with Michael H. Riordan (1994), "The Learning Curve, Market Dominance, and Predatory Pricing," *Econometrica* **62**, 1115–1140.

Reprinted in L Cabral (Ed), *Readings in Industrial Organization*, Oxford: Blackwell (2000).

Barros, Pedro P., and Luís Cabral (1994), "Merger Policy in Open Economies," *European Economic Review* **38**, 1041–1055.

Cabral, Luís (1993), "Experience Advantages and Entry Dynamics," *Journal of Economic Theory* **59**, 403–416.

Co-Winner of the First Young Economist Essay Competition, EARIE, 1989.

Cabral, Luís (1991), "Optimal Matching Auctions," *Economics Letters* **37**, 7–9.

Cabral, Luís, and Shane Greenstein (1990), "Switching Costs and Bidding Parity in Government Procurement of Mainframe Computers," *Journal of Law, Economics and Organization* **6**, 453–469.

Cabral, Luís (1990), "On the Adoption of Innovations with 'Network' Externalities," *Mathematical Social Sciences* **19**, 299–308.

Cabral, Luís (1990), "Optimal Pricing of the Portuguese Telephone Service," *Applied Economics* **22**, 211–220.

Cabral, Luís, and Michael H. Riordan (1989), "Incentives for Cost Reduction Under Price Cap Regulation," *Journal of Regulatory Economics* **1**, 93–102.

Lead article

Reprinted in M. Einhorn (Ed), *Price Caps and Incentive Regulation in the Telecommunications Industry*, Norwell, Mass.: Kluwer Academic Publishers, 1991, pp. 155–165.

Cabral, Luís (1988), "Asymmetric Equilibria in Symmetric Games with Many Players," *Economics Letters* **27**, 205–208.

Lead article (not sure it means anything)

■ PUBLICATIONS: BOOKS

Cabral, Luís (2017), *Introduction to Industrial Organization, 2nd Ed*, Cambridge, Mass.: MIT Press.

Cabral, Luís (2000), *Introduction to Industrial Organization*, Cambridge, Mass.: MIT Press.

Translated into Italian, Greek, Chinese, Russian.

Cabral, Luís (Ed) (2000), *Readings in Industrial Organization*, Oxford: Blackwell.

Cabral, Luís (1994), *Economia Industrial*, Lisbon: McGraw-Hill, 1994.

Original in Portuguese, translated into Spanish.

■ PUBLICATIONS: BOOK CHAPTERS

Cabral, Luís (2012), "Reputation on the Internet," in Peitz and Waldfogel (Eds), *Oxford Handbook of the Digital Economy*, Oxford University Press.

Cabral, Luís (2010), "Modelling Competition an Regulation in Wireless Tlecommunications: A Progress Report," in Mateus and Moreira (Eds), *Competition Law and Economics*, Edward Elgar.

Cabral, Luís (2008), "Economic Mobiliy," in A. Mateus and T. Moreira (Eds), *Proceedings of the I Lisbon Conference on Competition Law and Economics*, Amsterdam: Kluwer.

Cabral, Luís, and Tobias Kretschmer (2007), "Standards Battles and Public Policy," in S. Greenstein and V. Stango (Eds), *Standards and Public Policy*, Cambridge, UK: CUP, pp. 329–344.

Cabral, Luís, Guido Cozzi, Vincenzo Denicoló, Giancarlo Spagnolo, and Matteo Zanza (2006), "Procuring Innovations," in Dimitri, Piga and Spagnolo (Eds), *Handbook of Procurement*, Cambridge University Press.

Cabral, Luís (2006), "Equilibrium, Epidemic and Catastrophe: Diffusion of Innovations With Network Effects," in C. Antonelli, B. Hall, D. Foray and E. Steinmueller (Eds), *New Frontiers in the Economics of Innovation and New Technology: Essays in Honor of Paul David*, London, UK: Edward Elgar, pp. 427–437.

Cabral, Luís, and W. Robert Majure (1994), "An Empirical Analysis of Bank Branching: Portugal 1989–1991," in D. Neven and L.-H. Roller (Eds), *The Empirical Analysis of Industrial Organization* (Report of a conference organized by the WZB, Berlin), London: CEPR, pp. 111–136.

Cabral, Luís, and António Leite (1992), "Network Consumption Externalities: The Case of Portuguese Telex Service," in C. Antonelli (Ed), *The Economics of Information Networks*, Amsterdam: North-Holland, 1992, pp. 129–139.

Barros, Pedro P., and Luís Cabral (1992), "Foreign Entry and Domestic Welfare," in J. F. Amaral, D. Lucena, A. S. Mello (Eds), *The Portuguese Economy Towards 1992*, Boston: Kluwer Academic Publishers, 1992, pp. 101–116.

■ PUBLICATIONS: OTHER

Cabral, Luís (2012), "Comment on Spulber's 'How Entrepreneurs Affect the Rate and Direction of Inventive Activity'," in Lerner and Stern (Eds), *The Rate and Direction of Inventive Activity Revisited*, NBER.

Cabral, Luís (2010), "Introduction to Special Issue," *International Journal of Industrial Organization* **28**, 335–335.

Cabral, Luís (2009), "Small Switching Costs Lead to Lower Prices," *Journal of Marketing Research* **46**, 449–451.

Cabral, Luís (2008), "Predatory Pricing," in W. A. Darity, Jr. (Ed), *International Encyclopedia of the Social Sciences*, 2nd ed., Vol. 6, Detroit: Macmillan Reference USA, pp 428–429.

Cabral, Luís (2008), "Barriers to Entry," in Steven N. Durlauf and Lawrence E. Blume (Eds), *The New Palgrave Dictionary of Economics*, 2nd edition, Basingstoke and New York: Palgrave Macmillan.

Cabral, Luís (2006), "Market Power and Efficiency in Card Payment Systems: A Comment on Rochet and Tirole," *Review of Network Economics* **5**, 15–25.

Cabral, Luís (2005), "Collusion Theory: Where to Go Next?," *Journal of Industry, Competition and Trade* **5**, 199–206.

Cabral, Luís (2003), Review of R. Hardin's "Trust and Trustworthiness," in *Journal of Economic Literature* **41**, 953–954.

Cabral, Luís (2002), "The California Electricity Crisis," *Japan and the World Economy* **14**, 335–339.

Cabral, Luís (2002), Comments on Clemons, Hitt, Gu, Thatcher, and Weber, *Journal of Financial Services Research* **22**, 91–93.

Cabral, Luís (1999), Comments on D. Sull and C. Markides, "easyJet's $500 Million Gamble," *European Management Journal* **17**, 20–38.

Opinion articles in various newspapers and magazines in Europe and the U.S.

■ TEACHING MATERIALS (INCLUDING CO-AUTHORED)

Costs and pricing: Monsanto's Roundup; Wednesdays at Cinemex; Merck, Aids, and Africa; Eurotunnel; Airbus Beluga.

Firm, markets and public policy: DeBeers; Jumbo Jet; The Oil Market; Advertising Commodities; NYU Taxi Medallions; Has the Patent System Expired?; The Portuguese Housing Market.

Antitrust: GE and Westinghouse; Virgin Atlantic and British Airways; Spirit Airlines; The Failed GE-Honeywell Merger; Microsoft; Mars and Unilever.

Industrial Policy: Endesa; Airbus and Boeing; Two Generations of Wireless Telecom.

Media and entertainment: Trends and Media and Entertainment; The Economics of Rock Stars; TV Power Games: Friends and Law & Order; Exporting Sports Entertainment: the NBA in China; Formula One: the 2009 Crisis.

More information at http://luiscabral.net/economics/teaching/

■ INVITED PRESENTATIONS

In the U.S. and Canada: Bank of Canada, Bell Communications Research Labs, Boston U (3+), California Institute of Technology, Columbia U (2), Cornell U (2), Dartmouth (Tuck School of Business), Department of Justice, Drexel U (2), Duke-UNC (2), Federal Trade commission, General Motors Research Labs, Georgetown U (2), GTE Labs, Harvard U, Indiana U, Iowa State U (2), Johns Hopkins U, Michigan State U, MIT, New York U (3+), Northwestern U (3+), PennState U, Ohio State U, Purdue U, Queens U (2), Rutgers U, Stanford U (3+), SUNY Stony Brook, U Arizona, U British Columbia (3+), U California-Berkeley (3+), U California-Irvine, U California-Los Angeles (2), U California-San Diego, U California-Santa Cruz, U Chicago, U Colorado-Boulder, U Illinois-Urbana (2), U Louisville, U Maryland, U Michigan (2), U Montreal, U Pennsylvania (2), U Rochester (3+), U Southern California, U Toronto (3+), U Virginia, U Wisconsin-Madison, Vanderbilt U, Yale U (3+).

In the U.K.: Cambridge U (2), Imperial College (2), London Business School (3+), London School of Economics (3+), Oxford U (2), Queen Mary and Westfield College, U College London, U East Anglia, U Edinburgh, U Essex, U Nottingham, U Southampton (2), Warwick U (2), York U.

In Europe: Bocconi U (2), CORE (2), ECARES (ULB), École Polytechnique, European Commission, European University Institute (Florence), Fundacion Empresa Publica (Madrid), HEC Paris, IESE Business School (3+), Insead (2), ISEG (Lisbon) (2), Paris School of Economics (2), Toulouse School of Economics (3+), Tilburg U, Trinity College Dublin, U Alicante (3+), U Athens, U Autónoma de Barcelona (2), U Autónoma de Madrid (2), U Bergen, U Bern, U Católica Portuguesa (3+), U Carlos III de Madrid (2), U Complutense de Madrid, U Copenhagen (2), U Lausanne, U Leuven (KUL), U Lisbon (CMAF), U Mannheim, U Minho, U Munich, U Murcia, U Navarra (3+), U Nova de Lisboa (3+), U Oslo, U Pompeu Fabra (3+), U Porto (2), U Salamanca, U Tromso, U Vienna, U Vigo, U Zurich, WZB (Berlin) (2).

Elsewhere: Atarni (Japan), U Auckland, Australian National U, U Canterbury, Gertulio Vargas (Rio de Janeiro), Hebrew U Jerusalem, Hong Kong Technical U, PUC (Rio de Janeiro), Tel-Aviv U (2), U de los Andes (Santiago, Chile), U Beijing, U Catolica de Chile, U Kobe, U Melbourne, U New South Wales, U Queensland, U de la Republica (Uruguay), U Sidney.

Distinguished lectures: Keynote Speaker, Portuguese Industrial Organization Society (Lisbon, January 2003). Keynote speaker, Southern European Association for Economic Theory (Barcelona,

November 2004). Keynote Speaker, European Association for Research in Industrial Economics (Porto, September 2005). Distinguished Visitor, Drexel University (May and November 2008). Keynote speaker, Jornadas de Economia Industrial (September 2010). Keynote speaker, CEPR Conference on Applied Industrial Organization (Cyprus, May 2012). Keynote speaker, Nordic IO Conference (Oslo, June 2014). J-J Laffont Lecture, CRESSE (Corfu, July 2014), Keynote speaker, OLIGO (Madrid, June 2015). Keynote speaker, ATE Conference (Auckland, December 2015). Keynote Speaker, V International Academic Symposium, Institut d'Economia de Barcelona (February 2017).

Other invited presentations: Econometrics Society European Winter Meetings (Alicante, 1990). Finnish Doctoral Program Annual Meeting (Helsinki, June 1990). IDEE Workshop (Toulouse, 1991). Network of Industrial Economics (Lancaster University, 1997). UBC Summer IO Conference (various years). Competitive Strategy Conference (Montreal, June 2002). Conference on Networks and Standards (Moskow, June 2003). Conference on Strategy (St Louis, May 2007). Conference on Standards and Public Policy (Chicago, May 2004). Workshop on Competition Policy (Berkeley, October 2007). I and II Lisbon Conferences on Competition Law and Economics (Lisbon, November 2005 and 2007). OECD 100th Meeting Conference (Paris, February 2008). Workshop on the Economics of Marketing (Frankfurt, June 2008). Microeconomics Workshop (Shanghai, June 2010). CRA Annual Conference (Brussels, December 2010). IO Workshop (Zapallar, Chile, December 2010). ICT Workshop (Évora, March 2011). ICT Workshop (Mannheim, June 2012). Innovation Workshop (Tokyo, August 2014), Search Workshop (Groningen, May 2014). Triangle Conference (UNC, April 2017). OECD (Paris, June 2018). International Conference on Game Theory (Stony Brook, July 2017).

Other presentations at conferences and workshops (accepted submissions): Econometric Society, AEA, EEA, EARIE, IIOS annual conferences (various years since 1988). CEPR: various workshops (IO programme). NBER: various workshops (IO and entrepreneurship groups).

Recent invited presentations (2015–2016, 2016–2017, and 2017–2018): U Lausanne, NUS (Singapore), Tel Aviv U, Hebrew U Jerusalem, Ecole des Mines, Paris School of Economics, UC Irvine, Harvard Business School, Georgia Tech, U Notre Dame, U Zurich, U Michigan, U Barcelona, U Rovira i Virgili, Hong Kong UST, Fudan U, U Piura, Lima School of Economics. Tilburg U, U Catholique de Louvain, U Mannheim, U Oklahoma.

■ TEACHING EXPERIENCE

Undergraduate: microeconomics, industrial organization, economics of media and entertainment.

Graduate: microeconomics, industrial organization, game theory, strategy.

MBA: microeconomics; game theory; public policy and business strategy.

Mini-courses and lectures: The Economics of Reputation and Trust (Zurich, 2002); Strategy Summer Camp (Beijing, 2008); Dynamic Oligopoly Competition (Fordham, 2008; European Commission's DGComp, 2008; Paris School of Economics, 2014; Unversidad Catolica de Chile, 2014). Entrepreneurship Summer Camp (NBER, 2009).

■ GRADUATE STUDENTS

Doctoral theses committees (main advisor): Pedro P. Barros, 1993; Margarida Lopes, 1999; Tobias Kretschmer, 2001; Flavio Toxvaerd, 2002; Cristian Dezso, 2006; Ali Yurukoglu, 2009; Anna

Ingster, 2010; Hong Luo, 2011; Lai Jiang, 2012; Yunok Cho, 2014; Sandy Yu, 2015; Jihye Jeon, 2017. (For placement information, visit luiscabral.net/economics/students/)

Doctoral theses committees (member): Alessandro Gavazza, 2005; Giovanni Serio, 2006; Martin Paredes, 2007; Ashton Hawk, 2009; Selvin Akkus-Clemens, 2013; Krzysztof Wozniak, 2013; Vivian Figer, 2014; Lei Xu, 2015; Malika Krishna, 2016.

Doctoral theses external examiner: Paul Povel (LSE, 1998); Vasco Rodrigues (Católica Porto, 2002); Helder Vasconcelos (European University Institute, 2002), Jeanine Thal (Toulouse, 2006), João Montez (Lausanne, 2007), Thomas Fagart (Paris School of Economics, 2016).

Master's theses committees (main advisor): Pedro Pereira, 1991; Margarida Lopes, 1993; Isabel Ucha da Silva, 1994; Nuno Martins, 1996.

■ EDITORIAL DUTIES

Co-Editor, Journal of Economics and Management Strategy, 2004–.

General Editor, Journal of Industrial Economics, 1999–2003.

Chair of the Advisory Board, International Journal of Industrial Organization, 2013–.

Associate Editor: Journal of Industrial Economics (2013–), Review of Network Economics (2000–), Portuguese Economic Journal (2002–), B.E. Journal of Economic Analysis and Policy (2005–2011), International Journal of Industrial Organization (1995–1998), Investigaciones Economicas (1994–1998), Economia (1989–2003).

Referee: American Economic Review, Econometrica, Economic Journal, European Economic Review, International Economic Review, International Journal of Industrial Organization, Journal of Economic Dynamics and Control, Journal of Economic Theory, Journal of Economics and Management Strategy, Journal of the European Economic Association, Journal of Industrial Economics, Journal of Political Economy, Journal of Public Economics, Management Science, Marketing Science, Quarterly Journal of Economics, Rand Journal of Economics, Review of Economic Studies, and other journals. Excellence in Refereeing Award, *American Economic Review*, 2008.

■ ADDITIONAL CURRENT AND PAST AFFILIATIONS

Visiting Scholar, Santa Fe Institute (1989), Boston University (1989, 1993, 1994), Stanford University (1993), Institut d'Anàlisi Econmica (1993).

Research Fellow, Centre for Economic Policy Research, London (1992–).

Research Associate, Center for Japan-U.S. Business and Economic Studies, NYU (2002–2011).

Member of the Advisory Board, Research Unit on Complexity in Economics (UECE/ISEG, Lisbon, Portugal) (2002–)

Chief Economic Adviser, Portuguese Competition Authority (2003–2008).

External member, Group of Economic Policy Analysis (GEPA, an advisory group to the President of the European Commission), 2005–2010.

Faculty Affiliate, Center for Experimental Social Science, New York University (2005–).

Research Fellow, Public Sector – Private Sector Research Center, IESE Business School (2009–).

Research Fellow, Institute for Media and Entertainment, IESE Business School, (2009–).

Affiliate, Law and Economics Consulting Group (2001–); Applied Economic Solutions (2001–); Charles River Associates (2011–).

Member of the Research Advisory Board, CEFAGE, University of Évora (Portugal) (2012–).

Member of the Advisory Board, Mannheim Centre for Competition and Innovation (2013–2017).

Research Fellow, Mannheim Centre for Competition and Innovation (2016–).

Member of the Advisory Board, Lima School of Economics (2016–).

Member of EdP University Advisory Board (2016–).

Member of the International Advisory Board, Barcelona Economic Analysis Team (2017–).

Member of the Faculty Advisory Council, Center for Sustainable Business, NYU Stern (2017–).

Member of the Advisory Board, Nova School of Economics and Business (2017–).

Member, American Economic Association, Econometric Society, other learned societies.

■ ACADEMIC ASSOCIATIONS AND CONFERENCES

President (2009–2011), Past President (2011–2013), European Association for Research in Industrial Economics (EARIE).

Member of the Executive Committee: Southern European Association for Economic Theory (ASSET), 1992–1996. European Association for Research in Industrial Economics (EARIE), 1994–1999, 2009–.

Founder (2003) and organizer (2003–2007), IO Day (a.k.a. New York Commuter Industrial Organization Workshop).

Conference organizer or co-organizer: European Summer Symposium in Economic Theory, Gerzensee, Switzerland, (various years during the 1990s); ASSET Annual Meeting, Lisbon, November (1994); Portuguese Economics Research Society 1st Meeting, Lisbon (1996); European Association for Research in Industrial Economics (2009); Asia-Pacific Industrial Organisation Conference (2016, 2017).

Member of the Program Committee: Econometric Society European Meeting (1999, 2006, 2007). European Association for Research in Industrial Economics (1994, 1997, 2001, 2002, 2003, 2007, 2011–2017). European Economic Association (1995, 1996, 2002). European Research Workshop in International Trade (1992). International Telecommunications Society World Conference (1996).

■ OTHER PROFESSIONAL ACTIVITIES

Consultant: Federal Reserve Bank of New York, Bank of Portugal, Pfizer Pharmaceuticals, OECD, European Commission, Portugal's Minister of Finance, various other companies and government institutions.

Media coverage. Professor Cabral's research has been covered on television (e.g., NBC), radio (e.g., BBC) and the press (e.g., *The Wall Street Journal*). In addition to the U.S., media coverage includes (in alphabetical order) Brazil, Chile, Portugal, Spain, and the United Kingdom.

■ HONORS

Banco Português do Atlântico Prize (best student in undergraduate class), 1983.

A. Melo Foundation Prize (best student in Masters program), 1985.

Fulbright scholarship, 1985-89, 1993.

European Association for Research in Industrial Economics (EARIE) prize (best young scholar paper, co-winner), 1989 (first time it was awarded).

Research Professor, 2002–2007. W. R. Berkley Term Professor of Economics, 2007–2013; Paganelli-Bull Professor of Economics and International Business, 2013– (all at NYU's Stern School of Business).

President (2009–2011), Past President (2011–2013), European Association for Research in Industrial Economics.

■ PERSONAL

Born on June 8, 1961 in Lisbon, Portugal. Portuguese and U.S. citizen. Hobbies include painting and saxophone playing. Additional information at luiscabral.net