

# EDUARDO FAINGOLD

## *Curriculum Vitae*

**Address:** Department of Economics  
Yale University  
30 Hillhouse Ave., Rm. 27  
New Haven, CT 06511

**Date and Place of Birth:** February 14, 1975  
Rio de Janeiro, Brazil

**Countries of Citizenship:** Brazil and U.S.A.

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### **ACADEMIC POSITIONS**

Associate Professor of Economics, Yale University	July 2013–present
Assistant Professor of Economics, Yale University	2007–2013
Post-Doctorate Associate, Cowles Foundation for Research in Economics, Yale University	2006–2007

### **EDUCATION**

Ph.D. in Economics, University of Pennsylvania	2006
M.Sc. in Mathematics, Instituto de Matemática Pura e Aplicada (IMPA), Rio de Janeiro, Brazil	2000

### **HONORS AND AWARDS**

National Science Foundation grant SES-1227593 (with Siyang Xiong)	2012–2015
National Science Foundation grant SES-0920985 (with Johannes Hörner)	2009–2012
William Polk Carey Dissertation Prize, University of Pennsylvania	2007
Review of Economic Studies Tour, invited speaker	2006
Maloof Family Dissertation Fellowship, University of Pennsylvania	2005–2006
Department of Economics Fellowship, University of Pennsylvania	2003–2004
Sidney Weintraub Memorial Prize, University of Pennsylvania	2003
Department of Economics Fellowship, University of Pennsylvania	2000–2001
CAPES Fellowship (Brazilian Ministry of Education), IMPA, Rio de Janeiro	1998–2000

### **VISITING POSITIONS**

Visitor, Department of Economics, Stern School of Business, NYU	Jul 2014–Aug 2015
Visitor, Graduate School of Business Administration, Kobe University, Japan	Nov 17–21, 2014
Visitor, Department of Economics, National University of Singapore	May 11–28, 2014
Visitor, Graduate School of Business Administration, Kobe University, Japan	Dec 10–14, 2012
Visitor, Economic Theory Center, Dept. of Economics, Princeton University	Apr 16–20, 2012
Visitor, Department of Economics, New York University	Aug 2009–Jun 2010
Visitor, Department of Economics, Tel-Aviv University	May–Jun 2009
Visitor, Centre for Economic Learning and Social Evolution (ELSE), University College London	Oct 2007
Visitor, Center of Mathematical Studies in Economics and Management Science (CMSEMS), MEDS Department, Kellogg School of Management, Northwestern University	May 2005

### **RESEARCH INTERESTS**

Repeated games, reputation effects, continuous-time games, robust predictions in games with incomplete information, impact of higher-order uncertainty.

## **PUBLICATIONS**

“Uniform Topologies on Types,” with Y. Chen, A. Di Tillio and S. Xiong, *Theoretical Economics*, 5 (September 2010), 445-478

“Reputation in Continuous-Time Games,” with Yuliy Sannikov, *Econometrica*, 79 (May 2011), 773-876

## **PAPERS UNDER REVIEW**

“The Strategic Impact of Higher-Order Beliefs,” with Y. Chen, A. Di Tillio and S. Xiong, revision requested by *The Review of Economic Studies*

“Reputation and the Flow of Information in Repeated Games,” revision requested by *Econometrica*

## **ONGOING WORK**

“The Value of a Reputation under Imperfect Monitoring,” with M.W. Cripps

“Filtering and Equilibrium in Repeated Games with Private Monitoring,” with J. Hörner and Y. Sannikov

“Bayesian Learning and Informational Externalities in a Stationary World,” with O. Gossner and P. Strack

“Real Options, Moral Hazard and Limited Liability,” with Suvi Vasama

“Limited Memory and Bad Reputation,” with Yoshifumi Hino and Yasuyuki Miyahara

“Maintaining a Reputation in Continuous Time”

“Bargaining and Learning: the Role of Commitment,” with Qingmin Liu and Xianwen Shi

“Equilibrium and the Flow of Information in Repeated Games with Frequent Interactions”

## **EARLY PAPERS INCORPORATED IN LATER WORK**

“Building a Reputation under Frequent Decisions,” 2006,  
subsumed by “Reputation and the Flow of Information in Repeated Games” and “Maintaining a Reputation in Continuous Time”

“Uniform Topology on Types and Strategic Convergence,” 2007, with A. Di Tillio,  
subsumed by “Uniform Topology on Types”

“Genericity of Critical Types,” 2008, with Y. Chen, A. Di Tillio and S. Xiong,  
subsumed by “The Strategic Impact of Higher-Order Beliefs”

“How Common are Common Prior Types?,” 2008, with Y. Chen, A. Di Tillio and S. Xiong,  
subsumed by “The Strategic Impact of Higher-Order Beliefs”

## **PROFESSIONAL ACTIVITIES**

Reviewer for *American Economic Journal (Microeconomics)*, *American Economic Review*, *B.E. Journal of Theoretical Economics*, *Econometrica*, *Games and Economic Behavior*, *International Economic Review*, *International Journal of Game Theory*, *Journal of Economic Behavior and Organization*, *Journal of Economic Theory*, *Journal of Mathematical Economics*, *Mathematics of Operations Research*, *Mathematical Social Sciences*, *Rand Journal of Economics*, *Review of Economic Studies* and *Theoretical Economics*.

Editorial Board, *International Journal of Game Theory*, 2009–2014

Conference program committee:

2009 Meetings of the Society for Economic Dynamics (SED), Istanbul, Turkey

Conference and seminar presentations:

*Spring 2015:* Berkeley; Columbia; NYU Stern.

*Fall 2014:* NYU; University of Montreal; Università L. Bocconi; University of Tokyo; Kobe University; Kyoto University; Topics in Contract Theory Conference at Arizona State University.

*Summer 2014:* International Conference in Game Theory at Stony Brook; SITE Workshop (Stanford).

*Spring 2014:* University of Minnesota, National University of Singapore.

*Fall 2013:* Yale theory lunch.

*Fall 2012:* University of Tokyo; Kobe University; Kyoto University.  
*Summer 2012:* IV World Congress of the Game Theory Society (GAMES 2012), Istanbul, Turkey.  
*Spring 2012:* Princeton; University of Pennsylvania.  
*Fall 2011:* Ohio State University; Yale theory lunch; FGV-EESP, Sao Paulo, Brazil.  
*Spring 2011:* Pennsylvania State University; Rice University; University of Texas at Austin; Yale theory lunch.  
*Fall 2010:* III Workshop on Stochastic Methods in Game Theory, Centro Ettore Majorana, Sicily, Italy; Yale theory lunch; Arizona State University; Duke; University of North Carolina, Chapel Hill.  
*Summer 2010:* Plenary talk at the XXI International Conference in Game Theory in Stony Brook, NY; II Brazilian Workshop of the Game Theory Society.  
*Fall 2009:* New York University.  
*Summer 2009:* Tel-Aviv University.  
*Spring 2009:* Princeton University.  
*Fall 2008:* Workshop on Frontiers of Game Theory and Networked Controlled Systems, Massachusetts Institute of Technology; University of Essex.  
*Summer 2008:* III World Congress of the Game Theory Society (GAMES 2008), Evanston, IL.  
*Spring 2008:* University of Toronto; University of Iowa; University of Rochester; Hong Kong Institute of Technology.  
*Fall 2007:* Georgetown University; Rutgers University; University of Wisconsin, Madison; Stanford University; University of Illinois, Urbana-Champaign; University College London; Northwestern University.  
*Summer 2007:* Cowles Foundation 75<sup>th</sup> Anniversary Conference, Yale University; XVIII International Conference in Game Theory, Stony Brook.  
*Spring 2007:* Washington University, St. Louis; Università L. Bocconi; Duke University; University of North Carolina at Chapel Hill.  
*Fall 2006:* Harvard University; Massachusetts Institute of Technology.  
*Summer 2006:* Meetings of the Society for Economic Dynamics (SED), Vancouver, Canada; Summer Meeting of the Econometric Society, Minneapolis, MN.  
*Spring 2006:* Review of Economic Studies Tour: University of Oslo, University of Essex and Tel-Aviv University; Northwestern University; Yale University; Princeton University; University of Texas, Austin; University of California, Berkeley; UCLA; University of Minnesota; The University of Chicago; University of California, San Diego; University of Western Ontario.  
*Fall 2005:* University of Pennsylvania; II Workshop on Stochastic Methods in Game Theory, Ettore Majorana Center, Sicily, Italy.  
*Summer 2005:* SITE Workshop (Stanford University); XVI International Conference in Game Theory, Stony Brook, NY.  
*Spring 2005:* Theory Bag Lunch at Kellogg MEDS, Northwestern University.  
*Fall 2004:* Midwest Economic Theory Meetings, St. Louis; UPenn Theory Workshop  
*Summer 2004:* IMPA, Rio de Janeiro, Brazil.

## **TEACHING EXPERIENCE**

### *Yale*

Economics of Uncertainty and Information (undergraduate)	Spring 2014
Intermediate Microeconomics (undergraduate)	Spring 2008, 2009, 2011, 2013
Mathematical Foundations of Economics (1 <sup>st</sup> year Ph.D.)	Fall 2008, 2010
Microeconomics: Game Theory (1 <sup>st</sup> year Ph.D.)	Spring 2011, 2012, 2013
Advanced Microeconomics (2 <sup>nd</sup> year Ph.D.)	Fall 2006
Topics in Game Theory (2 <sup>nd</sup> year Ph.D.)	Spring 2012, 2013
Mathematics for Economists (math camp)	Summer 2012

### *Mini-courses*

Topics in Mechanism Design (18 hrs.), National Univ. of Singapore	May 2014
Continuous-time games (6 hrs.), Kobe University	Dec 2012

### *University of Pennsylvania*

Mathematics for Economists (math camp)	Summer 2003, 2004, 2005
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**ADMINISTRATIVE ASSIGNMENTS (YALE UNIVERSITY)**

Junior Recruiting Committee

2007–2008, 2008–2009, 2011–2012

Graduate Admissions Committee

2009–2010, 2012–2013, 2013–2014, 2014–2015

Graduate Advisory Committee

Fall 2008

**LANGUAGES**

English and Portuguese