

CURRICULUM VITAE

HAMID SABOURIAN

PRESENT APPOINTMENTS:

- Professor of Economics and Game Theory, University of Cambridge since 2005
- Fellow of King's College Cambridge since 1989
- Keynes Fellow, University of Cambridge since 2011
- Visiting Professor, Hong Kong University of Science and Technology since 2011

EDUCATION:

- BA Economics, University of Cambridge; June 1980, First Class, best in the University
- MSc Econometrics and Mathematical Economics, London School of Economics; June 1981
- MA University of Cambridge, King's College; June 1984
- PhD Economics, University of Cambridge; December 1987

PROFESSIONAL HISTORY:

- Lecturer in Economics, Churchill College Cambridge 1983-1985
- Research Fellow, King's College Cambridge 1985-1989
- Assistant Lecturer, Faculty of Economics and Politics, University of Cambridge 1987-1990
- Director of Studies in Economics, King's College Cambridge 1989-1995 and 2002-2004
- University Lecturer, Faculty of Economics and Politics, University of Cambridge 1990-2001
- Visiting Associate Professor, University of California, Los Angeles 1992
- Visiting Professor, European University Institute, Florence 1995-6
- Visiting Lecturer, London School of Economics 1996
- Visiting Professor, Department of Economics, New York University 1999
- Visiting Professor, Cowles Foundation, Yale University 1999
- Reader in Economics and Game Theory, University of Cambridge 2001-5
- Visiting Professor, CV Star Center, New York University 2001, 2003
- Visiting Professor, Birkbeck University of London 2001- 2004, 2007-2011
- Professor of Economics, Birkbeck University of London 2005-7
- Chairman of the Faculty of Economics, University of Cambridge 2007-11

OTHER APPOINTMENTS, AFFILIATIONS AND PEER REVIEW ACTIVITIES

- Fellow of *The Society for the Advancement of Economic Theory* 2011
- Associate Editor of the *Journal of Economic Theory* 2004-
- Editorial Board of *Economic Theory* 2009-
- Editor of *Cambridge Working Papers in Economics* 2003-6
- Invitation to referee articles for the following journals:

B.E. Journal in Theoretical Economics, Cambridge Journal of Economics, Economica, Econometrica, European Economic Review, Games and Economic Behavior, International Journal of Game Theory, Journal of Economic Theory, Journal of European Economic Association, Journal of Mathematical Economics, Journal of Institutional and Theoretical Economics, Mathematical Social Science, Oxford Economic Papers, Review of Economic Studies, The Economic Journal

- Invitation to referee books for the following publishers: CUP, OUP
- Request to review books for the following journals: *Economica, The Economic Journal*
- Invitations to review and referee grants application for the UK Economic and Social Science Research Council
- Invitation to review grant applications for the US National Science Foundation
- Member of the Organizing Committee of the European Econometric Society 1997, Toulouse
- Member of the Program Committee and Session Organizer at the 9th Society for the Advancement of Economic Theory (SAET) Conference on Current Trends in Economics 2009, Ischia Italy
- Member of the Advisory Committee of *Trucost* (an environmental rating agency) 2001-2009

TEACHING:

Undergraduate Teaching

Intermediate Microeconomics; Advanced Microeconomics; Asymmetric Information and Uncertainty; Game Theory, Industrial Organization; Optimization Theory; General Equilibrium Theory; Intertemporal Macroeconomics; Mathematics and Statistics for Economists.

Graduate Lecture Courses

Microeconomics; Contract Theory, Game Theory; Advanced Game Theory: General Equilibrium Theory; Increasing Returns to Scale; Bounded Rationality; Evolution and Learning; Social Learning and Herd Behaviour; Networks in Economics.

Graduate Supervisions

I have supervised 1-3 PhD students and 3-5 MPhil students in any year from 1990-2005. The following is a list of some of my doctoral students:

- Marco Mariotti PhD 1993; currently Professor of Economics at At Andrews (previously Professor at Exeter, Queen Mary London University and Royal Holloway)
- Mario Gilli PhD 1996; currently Associate Professor Milan (previously Assistant Professor at Bocconi University, Italy)
- Gaetano Bloise PhD 1998; Associate Professor University of Rome (Previously Research Fellow at CORE Louvain-La Neuve and Rome)
- Wei-Torng Juang PhD 1998; currently Assistant Professor Institute of Economics, Academia Sinica, Taiwan
- Andreas Park PhD 2003; currently tenured Associate Professor Toronto University
- Christoph Kuzmics PhD 2003; currently Assistant Professor Kellogg School Northwestern University
- Jihong Lee PhD 2003; currently associate Professor at Seoul National University and Lecturer Birkbeck University of London

Many of my students have published parts of their dissertations in the best journals. For example

- Marco Mariotti in *The Economic Journal* and *Journal of Economic Theory*
- Mario Gilli in *Games and Economic Behavior*
- Wei-Torng Juang in *Econometrica* and *Games and Economic Behavior*
- Andreas Park in *Economic Theory* and *Econometrica*
- Christopher Kuzmics in *Games and Economic Behavior*
- Jihong Lee in *B.E. Journal in Theoretical Economics*, *The Economic Journal* and *Journal of Economic Theory*

INVITED RESEARCH SEMINARS OR LECTURES AT THE FOLLOWING INSTITUTIONS:

UK

Birkbeck London University, Birmingham University, Bristol University, University of Cambridge, University of Essex, Office of Fair Trading London, Keele University, University of Leicester, London Business School, London School of Economics (Economics Department), London School of Economics (Finance Department), University of Manchester, Newcastle University, University of Nottingham, Oxford University Economics Department, Oxford University Said Business School, Queen Mary College London University, St. Andrews University, Sheffield University, University of Southampton, University College London, University of Warwick, University of York

North America

Brown University, California Institute of Technology, Columbia University, Cornell University, Harvard University, Institute of Advanced Studies Princeton, New York University, Northwestern University, Minnesota University, Pennsylvania State University, Stanford University, University of California Berkeley, University of California Los Angeles, University of California San Diego, University of Pennsylvania, Toronto University, Yale University

Europe (Excluding UK)

Belgium: Louvain-La-Neuve (CORE)
France: EDHEC Business School, Paris School of Economics, Paris Game Theory Seminar at Institut Henri Poincare
Greece: Athens School of Business and Economics
Holland: Tilburg University
Italy: University of Bologna, University of Brescia, European University Institute Florence, University of Naples, University of Rome, University of Siena
Portugal: Universidade Nova de Lisboa
Spain: University of Alicante, University of Malaga, Pompeo Fabre Barcelona, University of Valencia
Turkey: Sabanci University

Asian Universities

Iran: Imam Sadegh University, Shariff Institute of Technology
Japan: Hitsobashi University, Osaka University, Osaka City University, University of Tokyo
Korea: Yonsei University
Singapore: National University Singapore, Singapore Management University
Hong Kong: Hong Kong University of Science and Technology

(I have presented seminar papers at a large number of the above institutions on many occasions)

INVITED SPEAKER AT THE FOLLOWING CONFERENCES:

- Disequilibrium in Economics at Manchester University, 1988
- European Economics Society at Bologna University, 1988
- International Economic Association Meeting at Turin University, 1993
- Game Theory Conference at Cassino University Italy, 1994
- Northwestern University Economic Theory Summer Meeting, August 1996
- International School of Economic Research Siena, July 1998
- Universitat Autònoma de Barcelona Workshop on Bargaining Sidges Spain, May 2001
- Catalonia Game Theory Meeting Barcelona, January 2002
- Symposium on Logic in Games and Multiagent Systems Liverpool, December 2002
- National Technical University of Athens Applied Mathematics Workshop, May 2003
- Foundation of the Formal Sciences V at the Mathematical Institute Bonn, 2004

- Society for the Advancement of Economic Theory Conference, Vigo Spain 2005
- ESRC World Economy and Finance Workshop, Birkbeck University of London 2006
- Birmingham University Political Economy Conference June 2006
- Birmingham University Economic Theory Conference June 2006
- Aix en Provence and Marseilles Summer School on Complexity and Learning 2006
- Society for the Advancement of Economic Theory Conference, Kos Greece 2007
- Fourth annual Centre for Dynamic Macroeconomic Analysis workshop at the University of St Andrews 2007
- First Workshop on Game Theory University of Milan-Bicocca 2008
- European Summer Symposium in Economic Theory (ESSET) at Study Center Gerzensee, Switzerland July 2008
- British Academy/ESRC Public Policy Seminar 'Recession and the World Economy: Herd Behaviour, Contagion and Regulation' March 2009
- Sorbonne Workshop in Economic Theory, June 2009
- European Summer Symposium in Economic Theory (ESSET) at Study Center Gerzensee, Switzerland July 2009
- Warwick Economic Theory Workshop, January 2010
- Jeddeh Economic Forum, February 2010
- Second Brazilian Workshop of the Game Theory Society in honor of John NASH, on the occasion of the 60th anniversary of Nash equilibrium, July- August 2010
- Society for the Advancement of Economic Theory Workshop, Manchester May 2010
- Joint Princeton Economics and Institute of Advanced Studies Workshop on Mechanism Design, June 2010
- Warwick Economic Theory Workshop, January 2011

OTHER CONFERENCE PRESENTATIONS:

- World Congress of the Econometric Society at MIT, 1985
- AUTE Meeting at Aberystwyth University, 1987
- European Economics and European Econometric Society Meetings: Copenhagen 1987, Cambridge 1989, 1996 Istanbul 1996 and Toulouse 1997
- Institute of Mathematical Studies in Social Sciences (IMSSS) Stanford, 1989
- Society of Dynamics and Control Capri, 1991
- International Game Theory Conference at European University Institute Florence, 1991
- Focal Points in Game Theory Sweden, 1997
- World Congress of Game Theory Society Bilbao, 2000
- UK ESRC Game Theory Conferences: Warwick 2000, IFS London 2003, Warwick 2004
- Society for the Advancement of Economic Theory Conference, Ischia July 2009
- Society for the Advancement of Economic Theory Conference, Faro June 2011

RESEARCH PROJECTS AND GRANTS

- Member of the ESRC Project on *Risk, Information and Uncertainty* at the Department of Applied Economics Cambridge 1985-95. I was one of the main organizers in the period 1990-95.
- ESRC grant under the “World Economy and Finance Program” on *Herding in Financial markets 2005-8*. I was the Principal Applicant/Investigator.

MAJOR ACADEMIC BOOK PRIZE:

Royal Economic Society Prize Monograph 1988 for the best monograph in Economics for UK Economists under 30 years old. The monograph entitled “*Essays on Non-Walrasian Economics: Conjectural Equilibria, Repeated Games and Imperfect Competition*” was accepted for publication by Cambridge University Press.

PUBLICATIONS IN REFEREED JOURNALS AND EDITED VOLUMES

- “Efficient Repeated Implementation” (2011) joint with Jihong Lee, *Econometrica* Volume 79, Number 6, 1967-1994.

Supplementary Material to “Efficient Repeated Implementation” (2011) joint with Jihong Lee; forthcoming in *Econometrica*, online.

- “Herding and Contrarian Behavior in Efficient Financial Markets” (2011) joint with Andreas Park; Lead Article *Econometrica*, Volume 79, Number 4, 973–1026.

Supplementary Material to “Herding and Contrarian Behavior in Efficient Financial Markets” (2011) joint with Andreas Park; *Econometrica*, online.

- “Multi-Stage Voting, Sequential elimination and Condorcet Consistency” (2009) joint with Parimal Bag and Eyal Winter; *Journal of Economic Theory*, Volume 144, issue 3, pages 1278-1299.

Supplementary Material to “Multi-Stage Voting and Sequential elimination” (2009) joint with P. Bag and E. Winter; *Journal of Economic Theory*, online

- “Repeated Games with One-Memory” (2009) joint with Mehmet Barlo and Guilherme Carmona; *Journal of Economic Theory* volume 144, issue 1, pages 312-336.

Supplementary Material to “Repeated Games with One-Memory” (2009) joint with Mehmet Barlo and Guilherme Carmona; *Journal of Economic Theory*, online.

- “Game Theory and Strategic Complexity” (2009) joint with Kalyan Chatterjee; forthcoming in *Encyclopedia of Complexity and System Science*, Editor-in Chief Robert A. Meyers, Springer publication, 36 pages.

- “Evolutionary Game Theory: Why Equilibrium & Which Equilibrium” (2008) joint with Wei-Torng Juang, in *Foundation of the Formal Sciences V: Infinite Games [Studies in Logic Series 11]*, Edited by Stefan Bold, Benedict Lowe, Thoralf Rash, Johan van Benthem, College Publications, pages 187-222.

- “Coase Theorem, Complexity and Transaction Costs” (2007), joint with Jihong Lee; *Journal of Economic Theory* volume 135, issue 1, pages 214-235.
- “Markov Equilibria in Dynamic Matching and Bargaining Games” (2006), joint with Douglas Gale; *Games and Economic Behavior* volume 54, issue 2, pages 336-352.
- “Complexity and Competition” (2005) joint with Douglas Gale; *Econometrica* volume 73, number 3, pages 739-769.
- “Distributing Awards Efficiently: More on King Solomon’s Problem” (2005) joint with Parimal Bag; forthcoming *Games and Economic Behavior* volume 53, issue 1, pages 43-58.
- “Bargaining and Markets: Complexity and the Competitive Outcome” (2004) Lead Article in *Journal of Economic Theory* volume 116, pages 189-228.
- “Competitive Equilibrium and Noncooperative Game Theory: Noise and Bounded Rationality” (2003) in *General Equilibrium: Problems and Prospects* edited by F.H. Hahn and F. Petri; Routledge Co, pages 422-438.
- “Cooperation and Effective Computability - N-player case” (2001), joint with L. Anderlini; Lead Article in *Mathematical Social Sciences* volume 42, pages 99-137.
- “Complexity and Multi-Person Bargaining” (2000), joint with K. Chatterjee, *Econometrica* volume 68, issue 6, pages 1491-1509.
- “Repeated Games with M-Period Bounded Memory: Pure Strategies” (1998) Lead Article in *Journal of Mathematical Economics* Volume 30, Number 1, pages 1-35.
- "Routines, Hierarchies of Problems and Procedural Behaviour: A Discussion" (1996) in *The Rational Foundations of Economic Behaviour: Proceedings of the IEA Conference* Edited by K. Arrow and M. Perlman.
- "Cooperation and Effective Computability", (1995) joint with L. Anderlini, *Econometrica* volume 63, issue 6, pages 1337-1369.
- "Rational Conjectural Equilibrium & Repeated Games", (1992) in *Economic Analysis of Markets and Games* Edited by P. Dasgupta, D. Gale, O. Hart and E. Maskin, pages 228-257; MIT Press.
- "Money, Credit and Trust" (1992) in *The New Palgrave Dictionary of Money and Finance* Edited by P. Newman, M. Milgate and J. Eatwell, Macmillan, London.
- "Some Notes on the Economics of Barter, Money and Credit" (1992), joint with L. Anderlini, in *Barter, Exchange and Value* Edited by C. Humphrey and S. Hugh-Jones, pages 75-106, Cambridge University Press.
- Review of *Foundation of General Equilibrium Theory* by Y. Balasko, (1990) *Economica*.

- "Anonymous Repeated Games with a Large Number of Players", (1990) *Journal of Economic Theory* Volume 51, pages 92-110.
- "Repeated Games: A Survey", (1989) in *The Economic Theory of Missing Markets, Information and Games* Edited by F.H. Hahn, pages 62-105; Oxford University Press.
- "Repeated Games, Some Applications to Under-Cutting and Harassment in the Labour Market", (1989) *The European Economic Review* Volume 33, Number 2/3, pages 625-634.
- "Wage Norms and Involuntary Unemployment", (1988) *The Economic Journal* Volume 98, Number 390, pages 177-188.

WORK IN PROGRESS

- "Herd Behaviour in Financial Markets with Continuous Investment Decisions" (2011) joint with Maria Grazia Romano.
- "Herding and Contrarian Behaviour amongst Macro Forecasters (2011) joint with Jagjid Chada.
- "Bounded Memory with Finite Action Spaces" (2011) joint with Mehmet Barlo and Guilherme Carmona.
- "A Folk Theorem on Equilibrium Selection" (2009) joint with Wei-Torng Juang.
- "Complexity and Competition II; Endogenous Matching" (2009) joint with Douglas Gale.

WORKING PAPERS

- "Banker Compensation and Confirmation Bias" (2009), joint with Ann Sibert, CEPR (the Center for Economic Research Policy) Discussion Paper No. 7263.
- "Efficiency in Negotiation: Complexity and Costly Bargaining" (2005) joint with Jihong Lee; Birkbeck Working Papers in Economics and Finance #0505.
- "Complexity and Efficiency" (2004) joint with Jihong Lee; Cambridge Working Paper in Economics No. 0419.
- "Complexity and Competition I; Sequential Matching" (2003) joint with Douglas Gale; Cambridge Working Paper in Economics No.0345.

- “Bargaining and Markets: Complexity and the Walrasian Outcome”(2000) Cowles Foundation Discussion Paper No 1249; Yale University, 41 Pages.
- “Cooperation and Non-Halting Strategies” (1999) joint with L. Anderlini; Southampton University Discussion Paper in Economics and Econometrics No 9911, 29 pages.
- “N-Person Bargaining and strategic complexity” (1999), joint with K. Chatterjee; Penn State, Department of Economics Working Paper # 5-99-1, 45 pages.
- "Evolution of Algorithmic Learning Rules: A Global Convergence Result" (1996), joint with L. Anderlini; European University Working Paper ECO no 96/5, 56 pages.
- "The Folk Theorem in Repeated Games with Bounded (One-Period) Memory" (1992), Economic Theory Discussion Paper 143, Department of Applied Economics Cambridge, 50 pages.
- Rational Conjectural Equilibrium from a Game Theoretic Perspective, Part I and Part II (1986), Economic Theory Discussion Paper 117, Department of Applied Economics Cambridge, 93 pages.