

**CURRICULUM VITAE**  
**July 2019**

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**PERSONAL**

Date of Birth: December 12, 1950  
Married, two children

**EDUCATION**

A.B. (Mathematics), Harvard University, 1972  
A.M. (Applied Mathematics), Harvard University, 1974  
Ph.D. (Applied Mathematics), Harvard University, 1976

**ACADEMIC POSITIONS**

Research Fellow, Jesus College, Cambridge University, 1976-77  
Assistant Professor of Economics, Massachusetts Institute of Technology, 1977-80  
Associate Professor of Economics, M.I.T., 1980-81  
Overseas Fellow, Churchill College, Cambridge University, 1980-82  
Professor of Economics, M.I.T., 1981-84  
Professor of Economics, Harvard University, 1985-2000, 2012-  
Visiting Overseas Fellow, St. John's College, Cambridge, 1987-88  
Louis Berkman Professor of Economics, Harvard, 1997-2000  
Visiting Professor of Economics, M.I.T., 1999-2000  
Visiting Lecturer in Economics, Princeton University, 2000-2012  
Albert O. Hirschman Professor of Social Science, Institute for Advanced Study, Princeton,  
2000-2011  
SK Visiting Professor, Yonsei University, Seoul, 2009-10, 2015  
Visiting Professor, I.A.S., Hong Kong University of Science and Technology, 2010-2017  
Director, Jerusalem Summer School in Economic Theory, 2008-  
Associate, Center of Mathematical Sciences and Applications, Harvard, 2012-  
Professor of Mathematics, Harvard University, 2016-  
Adams University Professor, Harvard 2012-

## **FELLOWSHIPS, GRANTS, AND AWARDS**

National Science Foundation Graduate Fellowship, 1972-75  
National Science Foundation Research Grants, 1977- 2013  
U.K. Economic and Social Science Research Council Grants, 1978-1995  
J.S. Guggenheim Fellowship, 1980-81  
Fellow, Econometric Society, elected 1981  
Sloan Research Fellowship, 1983-85  
Galbraith Teaching Prize, Economics Department, Harvard University, 1990, 1992  
Fellow, American Academy of Arts and Sciences, elected 1994  
Monash Distinguished Visiting Scholar, Monash University, 2003  
Corresponding Fellow, British Academy, elected 2003  
Fellow, European Economic Association, elected 2004  
Honorary Fellow, St. John's College, Cambridge, elected 2004  
Kempe Award in Environmental Economics (with P. Dasgupta), 2007  
Nobel Memorial Prize in Economics (with L. Hurwicz and R. Myerson), 2007  
EFR – Business Week Award, University of Rotterdam, 2008  
Member, National Academy of Sciences, elected 2008  
Distinguished Fellow, House of Finance, University of Frankfurt, 2008  
Grande Médaille of the City of Marseille, 2009  
Honorary Fellow, Jesus College, Cambridge, elected 2009  
Fellow, Royal Academy of Economic Sciences and Finance (Spain), elected 2009  
Centennial Medal, Harvard University, Graduate School of Arts and Sciences, 2010  
Economic Theory Fellow, Society for the Advancement of Economic Theory, elected  
2011  
Cristóbal Gabarrón Foundation International Economics Award, 2011  
Médaille d'Or, City of Toulouse, 2013  
Memorial Medal, Comenius University, Bratislava, 2013  
Jean-Jacques Laffont Prize, Toulouse School of Economics, 2013  
Louise Blouin Foundation Award, 2013  
Medal of Honor, Congress of Peru, 2014  
Charter Fellow, Society for Economic Measurement, elected 2014  
Gold Medal of Honorary Patronage, University Philosophical Society, Trinity College  
Dublin, 2014  
James Joyce Award, Literary and Historical Society, Trinity College, Dublin, 2014  
Honorary Member, Royal European Academy of Doctors, Barcelona, 2016  
Fellow, Game Theory Society, elected 2017  
Honorary Fellow, Darwin College, Cambridge, elected 2018

## **HONORARY DOCTORATES**

Doctor of Humane Letters, Bard College, 2008  
Doctor Honoris Causa, Corvinus University of Budapest, 2008  
Honorary Doctor, University of Cambodia, 2010  
Doctor Honoris Causa, Université Libre de Bruxelles, 2010  
Doctor Honoris Causa, Universidad del Norte, Paraguay, 2011  
Doctor Honoris Causa, Azerbaijan State University of Economics, 2011  
Doctor Honoris Causa, Technical University of Lisbon, 2012  
Doctor Honoris Causa, Tumkur University, India, 2013  
D.H.L., Georgetown University, 2013 (graduate commencement speaker)  
Doctor Honoris Causa, National University of San Marcos, Peru, 2014  
Doctor Honoris Causa, Kazakh Humanities and Law University, 2015  
Doctor Honoris Causa, De La Salle University, Manila, 2017  
Doctor of Humane Letters, University of Florida, 2017  
Doctor of Science, University of Cambridge, 2017  
Doctor Honoris Causa, Babes-Bolyai University, Romania, 2017  
Doctor Honoris Causa, University Carlos III of Madrid, 2018  
Doctor Honoris Causa, Hebrew University of Jerusalem (Convocation Speaker), 2018

## **HONORARY PROFESSORSHIPS**

Wuhan University, 2004  
Central University of Finance and Economics, 2006  
Tsinghua University, 2007  
Higher School of Economics, Moscow, 2008  
Shenzhen University, 2008  
Eurasian National University, 2012  
Saint Petersburg University of Management and Economics, 2012  
Tumkur University, 2013  
Zhejiang University, 2016  
Dongbei University of Finance and Economics, 2017  
Nanchang Institute of Technology, 2017  
Hautes Etudes Commerciales (HEC Paris), 2017  
Yunnan Normal University, 2017  
Chongqing University of Urban Technology, 2017  
Zhujiang College, South China Agriculture University, 2017  
Wuhan University of Engineering Science, 2017  
Xi'an University of Technological Information, 2019  
Jincheng College of Nanjing University of Aeronautics and Astronautics, 2019

## HONORARY PRESIDENCIES

Canvard College, Beijing University of Finance, 2017

## NAMED LECTURES

Wellington-Burnham Lecture, Tufts University, December 1993  
Churchill Lectures, Cambridge University, April 1994  
Brussels Lecture in Managerial Economics, Universite Libre de Bruxelles, May 1994  
Miller Lecture, Iowa State University, December 1996  
Kenneth Arrow Lectures, Stanford University, April 1998  
Alfred Marshall Lecture, European Economic Association, Santiago de Compostela, Spain,  
September 1999  
Vilfredo Pareto Lecture, ASSET conference, Tel Aviv, October 1999  
Seattle Lecture, World Congress of the Econometric Society, Seattle, August 2000  
Lionel McKenzie Lecture, University of Rochester, April 2001  
Nancy Schwartz Memorial Lecture, Northwestern University, May 2002  
Presidential Lecture, Econometric Society, Stockholm, Panama City, Evanston, and  
Sydney, 2003  
T.S. Kim Memorial Lecture, Seoul National University, May 2004  
Toulouse Lectures, University of Toulouse, June 2004  
Zeuthen Lectures, University of Copenhagen, November 2004  
Arrow Lecture, Society for Social Choice and Welfare, Istanbul, July 2006  
Jacob Marschak Lecture, South East Asian Meetings, Econometric Society, Chennai, India,  
December, 2006  
Marshall Lectures, Cambridge University, March 2007  
Pazner Memorial Lecture, University of Tel Aviv, May 2007  
Lawrence Klein Lecture, University of Pennsylvania, May 2007  
Kempe Award Lecture, Umea, Sweden, October 2007  
Nobel Memorial Prize Lecture, Stockholm, December, 2007  
G. Woody Thompson Lecture, Midwest Economics Association, March 2008  
Sun Hung Kai Nobel Laureate Distinguished Lecture, Chinese University of Hong Kong,  
April 2008  
Max Weber Lecture, European University Institute, Florence, September 24, 2008  
John F. Nash Lecture, Carroll Round, Georgetown University, April, 2009  
Pareto Lecture, Collegio Carlo Alberto, Turin, June 2009  
Bogen Lecture, Hebrew University of Jerusalem, June 2009  
McKenzie Lecture, Society for the Advancement of Economic Theory, Ischia, July 2009  
Hurwicz Lecture, Minnesota Economics Association, Minneapolis, October 2009  
Arrow Lecture, Columbia University, December 2009  
Zvi Griliches Memorial Lectures, New Economic School, Moscow, May 2010  
Leonid Hurwicz Memorial Lecture, Warsaw School of Economics, October 2010  
Robert Rosenthal Memorial Lecture, Boston University, April 2011

Inaugural Chen Daisun Memorial Lecture, Tsinghua University, April 2011  
David Pearce Lecture, EAERE conference, Rome, June 2011  
Inaugural Federico II Nobel Laureate Lecture, University of Naples, May 2012  
Academia Sinica Lecture, Taipei, June 2012  
Presidential Lecture, Game Theory Society, Istanbul, July 2012  
Graduate Commencement Address, Georgetown University, May 2013  
Amartya Sen Lecture, Human Development and Capability Association meeting, Jakarta, September 2012  
Albert Hirschman Lecture, Latin American and Caribbean Economic Association, Lima, November 2012  
Jean-Jacques Laffont Prize Lecture, Toulouse, June 2013  
Chen Daisun Memorial Lecture, Tsinghua University, Beijing, December 2013  
Sir Arthur Lewis Memorial Lecture, Castries, Saint Lucia, January 2014  
Nobel Prize Inspiration Initiative Lecture, FGV, Rio de Janeiro, March, 2014  
Leonid Hurwicz Lecture, Econometric Society, Minneapolis, June 2014  
JIN Lecture, James Madison University, October 2014  
Convocation Address, Indian Statistical Institute, Calcutta, January 2015  
David Ruthenberg Memorial Lecture, Hebrew University, June 2015  
Leo Hurwicz Plenary Lecture, Society for Economic Design, Istanbul, July 2015  
Hahn Memorial Lecture, University of Siena, October 2015  
Gorman Lectures, University College London, February 2016  
Economics Frontier Lecture, Nankai University, April 2016  
Distinguished Academic Lecture, Zhejiang University, April 2016  
Inaugural Jean Monnet Lecture, European Central Bank, Frankfurt, September 2016  
Undergraduate Economic Association Lecture, MIT, November 2016  
Fathauer Lecture in Political Economy, University of Arizona, March 2017  
IIMA-SRK Annual Lecture, Indian Institute of Management, Ahmedabad, February 2018  
Golden Jubilee Lecture, Indian Institute of Science, Bangalore, February 2018  
Leigh Lecture, Washington State University, April 2018  
Aumann Lecture, Israel Game Theory Society, May 2018  
Presidential Address, Society for the Advancement of Economic Theory, Taipei, May 2018  
Roy Gardner Memorial Lecture, Indiana University, September 2018  
Ding Shum Lecture, Harvard University, October 2018

## **PROFESSIONAL SOCIETIES**

American Academy of Arts and Sciences

Fellow, elected, 1994

American Economic Association

Nominating Committee 1995-6, 2008-9

Chair, Search Committee for Editor, *AEJ: Microeconomics*, 2006

British Academy

Corresponding Fellow, elected 2003

Econometric Society  
Fellow, elected 1981  
Council, 1989-1995, 1999-2004  
Executive Committee, 1993-1994, 2000-2004  
Vice-President, 2001-2002  
President, 2003  
Chair, Officers Nominating Committee, 2006

Economists for Peace and Security  
Trustee, 2008-

European Economic Association  
Fellow, elected 2004

Game Theory Society  
Charter Member  
Council, 2001-2003  
Executive Vice President, 2008-2010  
President, 2010-2012  
Fellow, elected 2017  
Advisory Board, elected 2017

Global Economic Society  
Founding Member

National Academy of Sciences  
Member, elected 2008  
Class V Membership Committee, 2012-2013  
Chair, Economics Section, 2015-2018

National Economics Foundation (China)  
Counselor of the Academic Committee, 2015-

Royal Academy of Economic Sciences and Finance (Spain)  
Fellow, elected 2009

Royal European Academy of Doctors (Barcelona), elected 2016

Society for Social Choice and Welfare  
Council 1995-2001

Society for the Advancement of Economic Theory  
Economic Theory Fellow, elected 2011  
Vice President, 2017  
President, 2018

Society for Economic Measurement  
Charter Fellow, elected 2014

## **EDITORIAL POSITIONS**

American Editor, *Review of Economic Studies*, 1977-82  
Associate Editor, *Social Choice and Welfare*, 1983-2007  
Advisory Editor, *Social Choice and Welfare*, 2007-

Editor, *Quarterly Journal of Economics*, 1984-90  
 Advisory Editor, *Journal of Risk and Uncertainty*, 1987-1994  
 Associate Editor, *Games and Economic Behavior*, 1988-  
 Guest Editor, *Games and Economic Behavior*, special issue in honor of R. Aumann,  
 69(1), 2010  
 Editor, *Economics Letters*, 1992-2011  
 Advisory Editor, *Economics Letters*, 2012-  
 Associate Editor, *Review of Economic Design*, 1993-2014  
 Advisory Editor, *Review of Economic Design*, 2015-  
 Associate Editor, *BE Journal of Theoretical Economics*, 2000-  
 Associate Editor, *Journal of Economic Perspectives*, 2001-2004  
 Editorial Advisor, *Journal of Developing Areas*, 2001-  
 Associate Editor, *International Journal of Game Theory*, 2003-2007  
 Advisory Editor, *International Journal of Game Theory*, 2007-  
 Advisory Editor, *Division of Labor and Transaction Costs*, 2005-  
 Advisory Editor, *Economics*, 2006-  
 Advisory Editor, *Games*, 2009-  
 Advisory Editor, *Economic Theory*, 2009-  
 Advisory Editor, *European Journal of Pure and Applied Mathematics*, 2009-  
 Advisory Editor, *Frontiers of Economics in China*, 2010-  
 Editor, Monograph Series in Economic Theory, World Scientific Publishing, 2009-

#### **JOURNAL ARTICLES AND BOOK CHAPTERS**

1. "A Theorem on Utilitarianism," *Review of Economic Studies*, Vol. XLVI (4), 1978, pp. 93-96.
2. "Fonctions de Préférence Collective Définies sur des Domaines de Préférence Individuelle Soumis à des Contraintes," *Cahiers du Seminaire d'Econométrie*, Centre National de la Recherche Scientifique, 1979, pp. 153-182.
3. "A Differential Approach to Expected Utility Maximizing Mechanisms" (with J.J. Laffont), in J.J. Laffont (ed.), *Aggregation and Revelation of Preferences*, North Holland, 1979, pp. 289-308. Reprinted in D. Martimort (ed), *Recent Developments in the Economic Theory of Incentives*, Edward Elgar Publishing (forthcoming).
4. "Implementation and Strong Nash Equilibrium," in J.J. Laffont (ed.), *Aggregation and Revelation of Preferences*, North Holland, 1979, pp. 433-440.
5. "Decision-Making under Ignorance with Implications for Social Choice," *Theory and Decision*, 11, 1979, pp. 319-337.
6. "The Implementation of Social Choice Rules: Some General Results on Incentive

- Compatibility” (with P. Dasgupta and P. Hammond), *Review of Economic Studies*, Vol. XLVI (2), 1979, pp. 185-216. Reprinted in P. Dasgupta, *Selected Papers of Partha Dasgupta*, Vol. I, Oxford University Press, 2010, pp. 191-234. Also reprinted in D. Martimort (ed), *Recent Developments in the Economic Theory of Incentives*, Edward Elgar Publishing (forthcoming).
7. “An Equilibrium Analysis of Search and Breach of Contracts, I: Steady States” (with P. Diamond), *Bell Journal of Economics*, 10, 1979, pp. 282-316.
  8. “On the Difficulty of Attaining Distributional Goals with Imperfect Information” (with J. J. Laffont), *Scandinavian Journal of Economics*, 1979, pp. 227-237.
  9. “Voting for Public Alternatives: Some Notes on Majority Rule,” *National Tax Journal*, Vol. XXXII, 1979, pp. 105-110.
  10. “Condorcet Proportions and Kelly's Conjectures” (with P. Fishburn and W. Gehrlein), *Discrete Applied Mathematics*, 1, 1979, pp. 229-252.
  11. “Progress Report on Kelly's Majority Conjectures” (with P. Fishburn and W. Gehrlein), *Economics Letters*, 2, 1979, pp. 313-314.
  12. “On Imperfect Information and Optimal Pollution Control” (with P. Dasgupta and P. Hammond), *Review of Economic Studies*, 1980, pp. 857-860. Reprinted in P. Dasgupta, *Selected Papers of Partha Dasgupta*, Vol. I, Oxford University Press, 2010, pp. 235-240.
  13. “A Differentiable Approach to Dominant Strategy Mechanisms” (with J.J. Laffont), *Econometrica*, 48, 1980, pp. 1507-1520. Reprinted in D. Martimort (ed), *Recent Developments in the Economic Theory of Incentives*, Edward Elgar Publishing (forthcoming).
  14. “On First-best Taxation,” in J.R.C. Lecomber and M. Slater (eds.), *Income Distribution: The Limits to Redistribution*, Scientehnica, 1980, pp. 9-22.
  15. “Optimal Reservation Price in the Vickrey Auction” (with J.J. Laffont), *Economics Letters*, 6, 1980, pp. 309-313.
  16. “An Equilibrium Analysis of Search and Breach of Contract, II: A Non-Steady Example” (with P. Diamond), *Journal of Economic Theory*, 1981, pp. 165-195.
  17. “Nash and Dominant Strategy Implementation in Economic Environments” (with J.J. Laffont), *Journal of Mathematical Economics*, 1982, pp. 17-47.
  18. “A Characterization of Strongly Locally Incentive-Compatible Planning Procedures with Public Goods” (with J.J. Laffont), *Review of Economic Studies*, 1983, 50, pp. 171-196.



19. “The Theory of Incentives: An Overview” (with J.J. Laffont), in W. Hildenbrand (ed.), *Advances in Economic Theory* (invited lectures from the 4<sup>th</sup> World Congress of the Econometric Society), Cambridge University Press, 1982, pp. 31-94.
20. “The Gains to Making Losers Pay in High Bid Auctions” (with J. Riley), in R. Englebrecht-Wiggans, M. Shubik, and R. Stark (eds.), *Auctions, Bidding, and Contracting*, New York University Press, 1983, pp. 205-230.
21. “Monopolistic Quantity Rationing” (with V. Bohm, H. Polemarchakis, and A. Postlewaite), *Quarterly Journal of Economics*, 1983, 98, pp. 189-198.
22. “Unemployment with Observable Aggregate Shocks” (with O.Hart and S. Grossman), *Journal of Political Economy*, 1983, pp. 907-926. Reprinted in S. Grossman, *The Informational Role of Prices*, MIT Press, 1989, pp. 190-212.
23. “A Second-Best Approach to Incentive Compatibility” (with J.J. Laffont), in M. Boyer and R. Kihlstrom (eds.), *Bayesian Models in Economic Theory*, Elsevier Science Publishers, 1984, pp. 143-154.
24. “On the Efficiency of Fixed Price Equilibria” (with J. Tirole), *Journal of Economic Theory*, 32, 1984, pp. 317-327.
25. “Optimal Auctions with Risk-Averse Buyers” (with J. Riley), *Econometrica*, Vol. 52, No. 6, November 1984, pp. 1473-1518. Reprinted in P. Klemperer (ed.), *The Economic Theory of Auctions*, London: Edward Elgar, 2000.
26. “Monopoly with Incomplete Information” (with J. Riley), *Rand Journal of Economics*, Vol. 15, No. 2, Summer 1984, pp. 171-196. Reprinted in G. Norman (ed.), *The Economics of Price Discrimination*, Cheltenham: Edward Elgar, 1999; Also reprinted in M. Waldman and J. R. Johnson (eds.), *Pricing Tactics, Strategies, and Outcomes*, vol. I, Cheltenham: Edward Elgar, 2007.
27. “Auction Theory with Private Values” (with J. Riley), *American Economic Review*, 75(2), 1985, pp. 150-156, reprinted in P. Klemperer (ed.), *The Economic Theory of Auctions*, London: Edward Elgar, 2000.
28. “Input Versus Output Incentive Schemes” (with J. Riley), *Journal of Public Economics*, 28(1), 1985, pp. 1-23.
29. “The Theory of Implementation in Nash Equilibrium: A Survey,” in L. Hurwicz, D. Schmeidler, and H. Sonnenschein (eds.), *Social Goals And Social Organization: Volume in Memory of Elisha Pazner*, Cambridge University Press, 1985, pp. 173-204. Reprinted in A. Rubinstein (ed.), *Game Theory in Economics*, London: Edward Elgar, 1995.

30. “The Existence of Equilibrium in Discontinuous Economic Games, Part I (Theory)” (with P. Dasgupta), *Review of Economic Studies*, 53(1), 1986, pp. 1-26. Reprinted in K. Binmore and P. Dasgupta (eds.), *Economic Organizations as Games*, Oxford: Basil Blackwell, 1986, pp. 48-82.
31. “The Existence of Equilibrium in Discontinuous Economic Games, Part II (Applications)” (with P. Dasgupta), *Review of Economic Studies*, 53(1), 1986, pp. 27-41. Reprinted in K. Binmore and P. Dasgupta (eds.), *Economic Organizations as Games*, Oxford: Basil Blackwell, 1986, pp. 83-102.
32. “An Example of a Repeated Partnership Game with Discounting and with Uniformly Inefficient Equilibria” (with R. Radner and R. Myerson), *Review of Economic Studies*, 53(1), 1986, pp. 59-69.
33. “The Folk Theorem in Repeated Games with Discounting or with Incomplete Information” (with D. Fudenberg), *Econometrica*, 54(3), 1986, pp. 533-554. Reprinted in A. Rubinstein (ed.), *Game Theory in Economics*, London: Edward Elgar, 1995. Also reprinted in D. Fudenberg and D. Levine (eds.), *A Long-Run Collaboration on Games with Long-Run Patient Players*, World Scientific Publishers, 2009, pp. 209-230.
34. “The Existence of Equilibrium with Price-Setting Firms,” *American Economic Review*, 76(2), 1986, pp. 382-386.
35. “Optimal Bayesian Mechanisms,” in W. Heller, R. Starr, and D. Starrett (eds.), *Uncertainty, Information and Communication*, Volume 3 (essays in honor of Kenneth Arrow), Cambridge University Press, 1986, pp. 229-238.
36. “On the Fair Allocation of Indivisible Goods,” in G. Feiwel (ed.), *Arrow and the Foundations of the Theory of Economic Policy* (essays in honor of Kenneth Arrow), MacMillan, 1987, pp. 341-349.
37. “Monopoly with Asymmetric Information about Quality: Behavior and Regulation” (with J.J. Laffont), *European Economic Review*, 31(1), 1987, pp. 483-489.
38. “A Theory of Dynamic Oligopoly, III: Cournot Competition” (with J. Tirole), *European Economic Review*, 31(4), 1987, pp. 947-968. “Corrigendum,” *European Economic Review*, 32(7), 1988, pp. 1567-1568.
39. “Optimal Nonlinear Pricing with Two-Dimensional Characteristics” (with J.J. Laffont and J.C. Rochet) in T. Groves, R. Radner, and S. Reiter (eds.), *Information, Incentives and Economic Mechanisms* (essays in honor of Leonid Hurwicz), University of Minnesota Press, Minneapolis, 1987, pp. 256-266.

40. “Correlated Equilibria and Sunspots” (with J. Tirole), *Journal of Economic Theory*, 43(2), 1987, pp. 364-373.
41. “The Simple Economics of Research Portfolios” (with P. Dasgupta), *Economic Journal*, 97, 1987, pp. 581-595. Reprinted in P. Dasgupta, *Selected Papers of Partha Dasgupta*, Vol. I, Oxford University Press, 2010, pp. 329-346.
42. “A Theory of Dynamic Oligopoly, I: Overview and Quantity Competition with Large Fixed Costs” (with J. Tirole), *Econometrica*, 56(3), 1988, pp. 549-570.
43. “A Theory of Dynamic Oligopoly, II: Price Competition, Kinked Demand Curves, and Edgeworth Cycles” (with J. Tirole), *Econometrica*, 56(3), 1988, pp. 571-599. Reprinted in J. Gabszewicz and J.-F. Thisse (eds.), *Microeconomic Theories of Imperfect Competition: Old Problems and New Perspectives*, London: Edward Elgar Publishing, 1999.
44. “Optimal Multi-Unit Auctions” (with J. Riley), in F. Hahn (ed.), *The Economics of Missing Markets, Information, and Games*, Oxford University Press, 1989, pp. 312-335. Reprinted in P. Klemperer, *The Economic Theory of Auctions*, London: Edward Elgar, 2000. Also reprinted in D. Martimort (ed), *Recent Developments in the Economic Theory of Incentives*, Edward Elgar Publishing (forthcoming).
45. “Renegotiation in Repeated Games” (with J. Farrell), *Games and Economic Behavior*, 1, 1989, pp. 327-360. Reprinted in E. Maskin (ed.), *Recent Developments in Game Theory*, London: Edward Elgar, 1999, pp. 388-421.
46. “Renegotiation-Proof Equilibrium: Reply” (with J. Farrell), *Journal of Economic Theory*, 49(2), 1989, pp. 376-378.
47. “Efficient Renegotiation-Proof Equilibria in Repeated Games” (with R. Evans), *Games and Economic Behavior*, 1, 1989, pp. 361-369.
48. “Rational Expectations with Imperfect Competition: A Bertrand-Edgeworth Example” (with J.J. Laffont), *Economics Letters*, 30, 1989, pp. 269-274.
49. “Disadvantageous Oil Tariffs and Dynamic Consistency” (with D. Newbery), *American Economic Review*, 80(1), 1990, pp. 143-156.
50. “The Efficient Market Hypothesis and Insider Trading on the Stock Market” (with J.J. Laffont), *Journal of Political Economy*, 98(1), 1990, pp. 70-93.
51. “The Principal-Agent Relationship with an Informed Principal: The Case of Private Values” (with J. Tirole), *Econometrica*, 58(2), 1990, pp. 379-409. Reprinted in J.J. Laffont (ed.), *The Principal-Agent Model: The Economic Theory of Incentives*, London:

Edward Elgar Publishing, 2003.

52. “Nash and Perfect Equilibria of Discounted Repeated Games” (with D. Fudenberg), *Journal of Economic Theory*, 51, 1990, pp. 194-206.
53. “Contract Renegotiation in Models of Asymmetric Information” (with M. Dewatripont), *European Economic Review*, 34(2&3), 1990, pp. 311-321.
54. “Evolution and Cooperation in Noisy Repeated Games” (with D. Fudenberg), *American Economic Review*, 80(2), 1990, pp. 274-279. Reprinted in E. Maskin (ed.), *Recent Developments in Game Theory*, London: Edward Elgar, 1999, pp. 339-344.
55. “Repeated Games with Long and Short-Run Players” (with D. Fudenberg and D. Kreps), *Review of Economic Studies*, 57, 1990, pp. 555-573.
56. “On the Dispensability of Public Randomization in Discounted Repeated Games” (with D. Fudenberg), *Journal of Economic Theory*, 53, 1991, pp. 428-438.
57. “The Principal-Agent Relationship with an Informed Principal, II: Common Values” (with J. Tirole), *Econometrica*, 60(1), 1992, pp. 1-42.
58. “Production Fluctuations and Fiscal Policy in an Economy with Aggregate and Idiosyncratic Shocks” (with O. Hart) in P. Dasgupta, D. Gale, O. Hart and E. Maskin (eds.), *Economic Analysis of Markets and Games* (essays in honor of Frank Hahn), MIT Press, 1992, pp. 107-127.
59. “Auctions and Privatization,” in Horst Siebert (ed.) *Privatization*, J.C.B. Mohr Publisher, 1992, pp. 115-136.
60. “Centralization of Credit and Long-Term Investment” (with M. Dewatripont) in P. Bardhan and J. Roemer (eds.) *Market Socialism: The Current Debate*, Oxford University Press, 1993, pp. 169-174.
61. “The Invisible Hand and Externalities,” *American Economic Review*, 1994, Vol. 84, No. 2, pp. 333-337. Reprinted in R. Tresch (ed.), *Public Sector Economics: Critical Concepts*, London: Routledge.
62. “Conceptual Economic Theory,” in P. Klein (ed.), *The Role of Economic Theory*, Kluwer Academic Publishers, 1994, pp. 187-195.
63. “The Folk Theorem with Imperfect Public Information” (with D. Fudenberg and D. Levine), *Econometrica*, 62(5), 1994, pp. 997-1039. Reprinted in E. Maskin (ed.), *Recent Developments in Game Theory*, London: Edward Elgar, 1999, pp. 345-387. Also reprinted in D. Fudenberg and D. Levine (eds.), *A Long-Run Collaboration on Games with*

- Long-Run Patient Players*, World Scientific Publishers, 2009, pp. 231-274.
64. “Majority Rule, Social Welfare Functions, and Games Forms,” in K. Basu, P. Pattanaik, and K. Suzumura (eds.), *Choice, Welfare, and Development* (essays in honor of Amartya Sen), Oxford University Press, 1995, pp. 100-109.
  65. “Feasible Nash Implementation of Social Choice Rules when the Designer does not Know Endowments or Production Sets” (with L. Hurwicz and A. Postlewaite), in J. Ledyard (ed.), *The Economics of Informational Decentralization: Complexity, Efficiency and Stability* (essays in honor of Stanley Reiter), Boston: Kluwer Academic Publishers, 1995, pp. 367-433. Reprinted in W. Trockel (ed.) *Social Deseign, Essays in Memory of Leonid Hurwicz*, Springer, 2019.
  66. “Credit and Efficiency in Centralized and Decentralized Economies” (with M. Dewatripont), *Review of Economic Studies*, 62, 1995, pp. 541-555. Reprinted in S. Bhattacharya, A. Boot and A. Thakor (eds.), *Credit, Intermediation and the Macroeconomy Models and Perspectives*, Oxford University Press, 2004, pp. 591-610.
  67. “Long-Term Investment by Japanese and American Firms,” *Japan and the World Economy*, 7, 1995, pp. 249-254.
  68. “Contractual Contingencies and Renegotiation” (with M. Dewatripont), *Rand Journal of Economics*, 1995, pp. 704-719.
  69. “A Walrasian Theory of Money and Barter” (with A. Banerjee), *Quarterly Journal of Economics*, Vol. CXI, (4), 1996, pp. 955-1605. Abridged version reprinted in Spanish as “Una Teoría Walrasiana de Dinero y Trueque,” *Gaceta de Economía*, 3(5), 1997, pp. 5-15.
  70. “Theories of the Soft Budget Constraint,” *Japan and the World Economy*, 1996, pp. 125-133.
  71. “Nash Equilibrium and Welfare Optimality,” *Review of Economic Studies*, 66, 1999, pp. 23-38. Reprinted in J.J. Laffont (ed.), *The Principal Agent Model: The Economic Theory of Incentives*, London: Edward Elgar, 2003. Also reprinted in D. Martimort (ed), *Recent Developments in the Economic Theory of Incentives*, Edward Elgar Publishing (forthcoming).
  72. “Unforeseen Contingencies and Incomplete Contracts” (with J. Tirole), *Review of Economic Studies*, 66, 1999, pp. 83-114. Reprinted in D. Martimort (ed), *Recent Developments in the Economic Theory of Incentives*, Edward Elgar Publishing (forthcoming).
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74. "Implementation and Renegotiation" (with J. Moore), *Review of Economic Studies*, 66, 1999, pp. 39-56. Reprinted in D. Martimort (ed), *Recent Developments in the Economic Theory of Incentives*, Edward Elgar Publishing (forthcoming).
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76. "Democracy and the Good" (with P. Dasgupta), in I. Shapiro and C. Hacker-Cordon (eds.), *Rethinking Democracy for a New Century*, New York: Cambridge University Press, 1999.
77. "Uncertainty and Entry Deterrence," *Economic Theory*, 14, 1999, pp. 429-437.
78. "Bargaining, Production, and Monotonicity in Economic Environments" (with M. Chen), *Journal of Economic Theory*, 89(1), November 1999, pp. 140-147.
79. "Introduction," in E. Maskin (ed.), *Recent Developments in Game Theory*, London: Edward Elgar, 1999, pp. ix-xviii.
80. "Managing Ecosystem Resources" (with K. Arrow, G. Dailey, P. Dasgupta, S. Levin, K.-G. Mäler, D. Starrett, T. Sterner, and T. Tietenberg), *Environmental Science and Technology*, 34, 2000, pp. 1401-1406.
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85. "Soft Budget Constraints and Transition" (with M. Dewatripont and G. Roland), in E. Maskin and A. Simonovits (eds.), *Planning, Shortage and Transformation* (essays in honor of Janos Kornai), Cambridge: MIT Press, 2000, pp. 143-156.
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#### **WORKING PAPERS**

1. “On the Robustness of Unanimity Rule” (with P. Dasgupta).
2. “Balanced-Budget Mechanisms with Incomplete Information” (with D. Fudenberg and D. Levine).
3. “Rational Expectations with Imperfect Competition, I: Monopoly” (with J.J. Laffont).
4. “Incentives, Scale Economies, and Organizational Form” (with Y. Qian and C. Xu).
5. “Evolution in Repeated Games” (with D. Fudenberg).
6. “Wage Inequality and Segregation by Skill” (with M. Kremer).
7. “Multi-Good Efficient Auctions with Multidimensional Information” (with P. Eso).
8. “Is Majority Rule the Best Election Method?” Institute for Advanced Study, School of Social Science Occasional Paper, 11, 2001.
9. “Bargaining, Coalitions, and Externalities”
10. “Notes on Equilibrium Existence in Economies with Oligopolistic Firms,” in *General Equilibrium: 40<sup>th</sup> Anniversary Conference*, CORE discussion paper, 1994.
11. “Multi-unit Auctions, Price Discrimination and Bundling” (with J. Riley)

## **BOOK**

*The Arrow Impossibility Theorem* (with A. Sen), Columbia University Press, 2014. Reprinted in Chinese, 2016. Reprinted in Korean.

## **BOOKS EDITED**

*Economic Analysis of Markets and Games: Essays in Honor of Frank Hahn* (with P. Dasgupta, D. Gale, and O. Hart), MIT Press, 1992.

*Recent Developments in Game Theory*, Edward Elgar Publishing, 1999.

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## **BOOK REVIEWS**

Review of K. Binmore, *Essays on the Foundations of Game Theory*, in *Economic Journal*, 100(43), 1990, pp. 1338-39.

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Review of R. Weintraub, *How Economics Became a Mathematical Science*, in *Journal of Economic Literature*, 42 (1), 2004, pp. 173-174.

“The Unity of Auction Theory: Milgrom’s Masterclass,” Review of P. Milgrom, *Putting Auction Theory to Work*, in *Journal of Economic Literature*, 42(4), 2004, pp. 1102-1115.

“Markets and Where They Come From,” Review of S. Bowles, *Microeconomics*, in *Science*, 306 (5700), 2004, pp. 1293-1294.

“An Einstein of the Dismal Science,” (Review of R. Backhouse, *Founder of Modern Economics: Paul A. Samuelson*, Vol. 1), *The Wall Street Journal*, May 20, 2017, pp. C5 and C7.

## **ECONOMICS PUBLICATIONS FOR NON-ECONOMISTS**

“Roemer on Inequality,” *Boston Review*, Volume XX, No. 2, April/May 1995.

“Should Software be Patented?” text of the *Taesung Kim Lecture Series 6*, May 6, 2004 at Seoul National University.

“Reply to Michael Sandel,” *New York Times*, December 17, 1997. Reprinted in R. Stavins (ed.), *Economics of the Environment*, New York: W. W. Norton, 2005, p. 357.

“The Fairest Vote of All” (with P. Dasgupta), *Scientific American*. 2004, Volume 290, pp. 64-69.

“Obituary: Leonid Hurwicz,” *The Guardian*, July 21, 2008, p. 31.

“Advice to the New President,” *Newsweek*, October 22, 2008.

“Economics’ Ups and Downs,” *The New York Times*, September 1, 2013, p. SR2.

“A Long-Term Collaboration” (with P. Dasgupta), *The Eagle* (St. John’s College, Cambridge), 2015, pp. 65-68.

“How To Let the Majority Rule” (with A. Sen), *The New York Times*, May 1, 2016, p. SR7.

“The Rules of the Game” (with A. Sen), *The New York Review of Books*, January 19, 2017, pp. 8-10. Reprinted in *Review. Revista de Libros* as “Un Nuevo Sistema Electoral,” May-June, 2017, pp. 10-13.

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“A Better Way to Choose Presidents” (with A. Sen), *The New York Review of Books*, June 8, 2017, pp. 61-62.

“A Better Electoral System in Maine” (with A. Sen), *The New York Times*, June 11, 2018 pp. A19.

“Five Reasons Ranked-Choice Voting Will Improve American Democracy,” *Boston Globe Magazine*, December 4, 2018, pp. 5 & 25.

“6 ways the Baseball Hall of Fame should revamp elections to prevent future Harold Baines” (with Anil Kashyap), *USA Today*, January 22, 2019.

“A way through the maze for MPs to agree on Brexit” (with Partha Dasgupta), *Financial Times*, February 9, 2019.

### **OTHER MAJOR LECTURES (SELECTED)**

- Plenary Lecture, 6<sup>th</sup> International Symposium on Dynamic Games and Applications, Quebec, Canada, July, 1994
- Public Lecture, Center for Japan-U.S. Business and Economic Studies, Tokyo, November, 1994
- Plenary Lectures, International Conference on Game Theory, S.U.N.Y. at Stony Brook, July 1994; July 1998; July 2002, July 2003, July, 2005
- Plenary Lecture, XIII Conference on Game Theory and Applications, Bologna, June, 1999
- Closing Address, 12<sup>th</sup> National Congress of Economics Students, Vera Cruz, Mexico, November, 1999
- Plenary Lecture, International Conference on Technological Policy and Innovation, Paris, November, 2000
- Plenary Lecture, International Symposium on Software Patents, Frankfurt, April, 2001
- Opening Plenary Lecture, South-East Economic Theory & International Economics Conference, Florida International University, November, 2001
- Keynote Address, Canadian Economic Theory Conference, Toronto, May, 2002
- Keynote Address, Society for Economic Design, New York, July 2002
- Presidential Address, Econometric Society, Evanston, Sydney, Stockholm, and Panama City, June-August, 2003
- Invited Lecture, Far East Meetings, Econometric Society, Seoul, July, 2004
- Plenary Lecture, Second World Congress, Game Theory Society, Marseille, July, 2004
- Keynote Lecture, Workshop on Mechanism Design with Budget Constraints, Stony Brook, July, 2004
- Keynote Lecture, International Conference on Economic Growth in China, Beijing, February, 2005
- Public Lecture, Tsinghua University, Beijing, February, 2005
- Keynote Lecture, Default Rules in Private and Public Law: A Symposium, Florida State University, March, 2005
- Keynote Lecture, Fourth International Conference on Logic, Game Theory and Social Choice, Université de Caen, June, 2005
- Plenary Address, Conference in Memory of Jean-Jacques Laffont, Toulouse, July, 2005
- Plenary Lecture, Far East Meetings, Econometric Society, Beijing, July, 2006
- Plenary Lectures, Annual Academic Conference, School of Economics, Moscow State University, April, 2007, 2009
- Public Lecture, Tsinghua University, November, 2007
- Public Lecture, Wuhan University, November, 2007
- Public Lecture, University of Edinburgh, November, 2007
- Public Lecture, Delhi School of Economics, December, 2007
- Keynote Lecture, Joint meeting of the Econometric Society and the Latin American and Caribbean Economic Association, Rio de Janeiro, November, 2008
- Keynote Lecture, Centenary Conference, Indian Institute of Science, Bangalore, December, 2008
- Keynote Lecture, Gérard-Varet Conference in Public Economics, Marseille, June, 2009
- Plenary Lecture, Second Brazilian Workshop of the Game Theory Society, São Paulo, August, 2010

Keynote Lecture, Asian Law and Economics Association, Hong Kong, July, 2011  
Keynote Lecture, Annual Conference, Association for the Public Economic Theory,  
Taipei, June, 2012  
Keynote Lecture, Second MIT Presidential Election Conference, October, 2012  
Plenary Lecture, Tsinghua-Sanya International Mathematics Forum, Sanya, China,  
December, 2013  
Public Lecture, Festival of Economics, Trento, May, 2014  
Keynote Lecture, Annual Conference on Development, World Bank, Washington, D.C.  
June, 2014  
Lecture to the Congress of Peru, Lima, November, 2014  
Keynote Lecture, 20<sup>th</sup> Anniversary of China Europe International Business School,  
November, 2014  
Lecture, Nash Memorial Celebration, Princeton University, October, 2015  
Opening Ceremony Speech, African Economic Conference 2016, Abuja, December, 2016  
Keynote Lecture, IFAD Conference, Rome, January, 2017  
Guest Lecture, MIT Model UN Conference, February, 2018  
Opening Keynote Address, Conference for Janós Kornai's 90<sup>th</sup> Birthday, Budapest,  
February, 2018  
Summer Lecture, Watermill Center, Watermill, NY, August, 2018  
Keynote Lecture, International Economics Olympiad, September, 2018  
Keynote Lecture, 13<sup>th</sup> International Economics Conference, Bol, Croatia, May 2019

## **PROFESSIONAL PUBLIC SERVICE**

Lectures on Repeated Games for Dutch Network of Economic Theorists, Utrecht, Netherlands,  
June 1991  
Advisor to Polish government on design of auctions for privatization, 1991  
Lectures on Implementation Theory, V. Rothschild Foundation Summer School in Economic  
Theory, Hebrew University, June 1993  
Visiting Committee, Economics Department and Institute for Decision Sciences, State  
University of New York at Stony Brook, February 1995  
Advisor to Bank of Italy on design of treasury note auctions, 1997  
Visiting Committee, Economics Department, Stanford University, 2000  
Advisor to J.S. Guggenheim Fellowship Committee, 2001-  
MacArthur Foundation Fellowship Nominator, 2001-2002  
Visiting Committee, Economics Department, Massachusetts Institute of Technology, 2000-2012  
Lectures on Contract Theory, SET-VIU Summer School on Contract Theory, Venice, Italy,  
July 2001  
Advisor to British government on design of auctions for greenhouse gas reduction, 2001-3  
Selection Jury, Francqui Prize, April 2004  
Lectures on Cooperative Game Theory, Seoul National University and University of Tokyo,  
May 2004; Stockholm School of Economics, March 2005; Wuhan University, May 2005;  
University of Bolzano, July 2005; Gerzensee Studiezentrum, August 2005

Co-Director, Academic Committee, China Economics and Management Academy, 2006-  
 Scientific Board, Center on Auctions, Procurement and Competition Policy, Pennsylvania State  
 University, 2006-  
 Lectures on Mechanism Design/Implementation Theory, CEMA, Central University, Beijing,  
 November 2006; National Taiwan University, Taipei January, 2007, Shenzhen University,  
 November 2008.  
 Lectures on Implementation Theory, CEMA, Beijing, November 2007; Delhi School of  
 Economics, December 2007.  
 Scientific Council, J.J. Laffont Foundation, Toulouse School of Economics, 2007-2017  
 Education Advisory Board, J.S. Guggenheim Foundation, 2007-  
 Affiliated Member, Center for Game Theory, SUNY at Stony Brook, 2007-  
 Trustee, Economists for Peace and Security, 2007-  
 Consultant to the World Bank on the Advance Market Commitment program, 2008  
 Board of Sponsors, Federation of American Scientists, 2008-  
 Evaluation Panel, Advanced Grants, European Research Council, 2008, 2010  
 Member, Science Board, Santa Fe Institute, 2008 - 2014  
 Emeritus Member, Science Board, Santa Fe Institute, 2015-  
 Academic Committee, Center for Rationality, Hebrew University of Jerusalem, 2009-  
 Member, Sertel Center for Economic Studies, Bilgi University, 2009-  
 Scientific Council, Solvay School of Economics, Université Libre de Bruxelles, 2009-2017  
 Jury, Rey Jaime I Prize, 2009 -  
 Chair of Jury, Francqui Prize, 2010, 2013, 2016, 2019  
 Chair, International Advisory Committee, Higher School of Economics, Moscow, 2010-  
 External Evaluation Committee, Economics Program, ITAM, Mexico City,  
 September 2010  
 Scientific Council, Institute for Advanced Study in the Social Sciences, Toulouse, 2010-  
 Academic Advisory Board, Asian Institute of International Financial Law,  
 University of Hong Kong, 2011-  
 Visiting Committee, Economics Department, Yale University, 2011  
 Advisory Board, Panmure House (Adam Smith House), 2012 -  
 Council of Eminent Persons, World Bank, 2013-2016  
 Honorary Member, Strategic Decision Analysis Association, 2015-  
 Chair of Jury, BBVA Foundation Economics Award, 2015, 2016, 2017, 2018  
 Advisory Board, School of Economics and Management, Tsinghua University, 2016-  
 Board of Trustees, John S. Guggenheim Memorial Foundation, 2017-  
 Advisory Board, QEM Masters Program, Sorbonne-Barcelona-Bielefeld-Venice, 2018-  
 Jury, Business for Peace Award, 2018-  
 Chairman, International Economics Olympiad, Moscow, 2018; Saint Petersburg, 2019  
 Jury, Infosys Award in Social Science, 2018  
 Advisory Board, Voter Choice MA, 2017-



## **CONSULTANCIES**

General Telephone and Electronics, Inc., 1998, antitrust, spectrum auctions  
U.K. Government, 2001-2002, carbon emissions auctions  
Waipouli Beach Resort Association, 2009, shareholder voting  
Red Hat, Inc., 2011, antitrust, intellectual property  
Google, Inc., 2011, 2013, antitrust, intellectual property  
AT&T, 2012-13, spectrum auctions  
Brazilian Federation of Banks, 2014, stabilization policy  
NASA, 2014-15, economics of low earth orbit  
Collective Decision Engines, group decision making, 2015-  
IGM Bizcuit Inc., educational videos, 2015  
Jointr, real estate transactions, 2017-2018  
MacroChain, blockchain technology, 2018-  
Crypto Labs, blockchain technology, 2018-

## **OTHER PUBLIC SERVICE**

Scientific Advisory Board, Lifeboat Foundation, 2008-  
Advisory Council, J Street, 2008-  
National Committee for Israel's 60<sup>th</sup> Anniversary, 2008  
Board of Directors, High Spirit Community Farm, 2008-2015  
National Co-Chair, Beaver Farm Capital Campaign, 2008-2011  
Board of Trustees, Orpheus Chamber Orchestra, 2008-2012  
Board of Directors, Camphill Foundation, 2008-2018  
Correspondent, Committee on Human Rights, National Academy of Sciences, 2009-  
Advisory Board, International Peace Foundation, 2010-  
Academic Review Board, Project Firefly, 2012-  
Board of Trustees, Pro Arte Chamber Orchestra, 2014-2017