

**CURRICULUM VITAE**  
**April 2016**

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**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 University, 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-  
Director, Jerusalem Summer School in Economic Theory, 2008-  
Adams University Professor, Harvard University 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 Science, 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 DEGREES**

M.A. (Honorary), Cambridge University, 1977  
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

### **HONORARY PROFESSORSHIPS**

Wuhan University, 2004  
Central University of Finance and Economics, 2006  
Tsinghua University, 2007  
National Research University-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

### **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

## **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  
European Economic Association  
Fellow, elected 2004  
Game Theory Society  
Charter Member  
Council, 2001-2003  
Executive Vice President, 2008-2010  
President, 2010-2012  
Global Economic Society  
Founding Member  
National Academy of Sciences  
Member, elected 2008  
Class V Membership Committee, 2012-2013  
Chair, Economics Section, 2015-  
Royal Academy of Economic Sciences and Finance (Spain)  
Fellow, elected 2009  
Society for Social Choice and Welfare  
Council 1995-2001  
Society for the Advancement of Economic Theory  
Economic Theory Fellow, elected 2011  
Society for Economic Measurement  
Charter Fellow, elected 2014  
National Economics Foundation (China)  
Counselor of the Academic Committee, 2015

#### **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-  
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.
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.
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. 27-37.

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.
14. "On First-best Taxation," in J.R.C. Lecomber and M. Slater (eds.), *Income Distribution: The Limits to Redistribution*, Scientechnica, 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.
  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.
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.
  72. “Unforeseen Contingencies and Incomplete Contracts” (with J. Tirole), *Review of Economic Studies*, 66, 1999, pp. 83-114.
  73. “Two Remarks on the Property-Rights Literature” (with J. Tirole), *Review of Economic Studies*, 66, 1999, pp. 139-149.
  74. “Implementation and Renegotiation” (with J. Moore), *Review of Economic Studies*, 66, 1999, pp. 39-56.
  75. “Recent Theoretical Work on the Soft Budget Constraint,” *American Economic Review*, 89, No. 2, 1999, pp. 421-425.
  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. Maler, D. Starrett, T. Sterner, and T. Tietenberg), *Environmental Science and Technology*, 34, 2000, pp. 1401-1406.
81. “Efficient Auctions” (with P. Dasgupta), *Quarterly Journal of Economics*, Vol. CXV, May 2000, pp. 341-388.
  82. “Auctions, Development, and Privatization: Efficient Auctions with Liquidity-Constrained Buyers” (text of the Marshall lecture to the European Economic Association), *European Economic Review*, Vol. 44 (4-6), May 2000, pp. 667-681.
  83. “Equilibrium in Sealed High Bid Auctions” (with J. Riley), *Review of Economic Studies*, 67, 2000, pp. 439-454.
  84. “Asymmetric Auctions” (with J. Riley), *Review of Economic Studies*, 67, 2000, pp. 413-438. Reprinted in P. Klemperer (ed.), *The Economic Theory of Auctions*, London: Edward Elgar, 2000.
  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.
  86. “Incentives, Information, and Organizational Form” (with Y. Qian and C. Xu), *Review of Economic Studies*, 67, 2000, pp. 359-378.
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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).
8. “Multi-Good Efficient Auctions with Multidimensional Information” (with P. Eso).
9. “Is Majority Rule the Best Election Method?” Institute for Advanced Study, School of Social Science Occasional Paper, 11, 2001.
10. “Bargaining, Coalitions, and Externalities”
11. “Notes on Equilibrium Existence in Economies with Oligopolistic Firms,” in *General Equilibrium: 40<sup>th</sup> Anniversary Conference*, CORE discussion paper, 1994.
12. “Multi-unit Auctions, Price Discrimination and Bundling” (with J. Riley)
13. “Pandering and Pork-Barrel Politics” (with J. Tirole)

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## **BOOKS EDITED**

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

*Planning, Shortage, and Transformation: Essays in Honor of Janos Kornai* (with A. Simonovits), MIT Press, 2000.

*Environment and Development Economics: Essays in Honor of Sir Partha Dasgupta* (with S. Barrett and K-G Mäler), Oxford University Press, 2014.

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

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“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.

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

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

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

## **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

### **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-  
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-  
 Jury, Rey Jaime I Prize, 2009 -  
 Chair of Jury, Francqui Prize, 2010, 2013, 2016  
 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-  
 Honorary Member, Strategic Decision Analysis Association, 2015-  
 Chair of Jury, BBVA Foundation Economics Award, 2015, 2016  
 Advisory Board, School of Economics and Management, Tsinghua University, 2016-

#### **CONSULTANCIES**

General Telephone and Electronics, Inc., 1998, antitrust, spectrum auctions  
 U.K. Government, 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-

#### **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 -

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-