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Degrees: AB (applied mathematics) magna cum laude 1979, Harvard University
         MS (computer science) 1981, Stanford University
         PhD (computer science) 1986, Stanford University

Experience: SRI International. Research assistant in artificial intelligence, 1979–81
         Stanford University. Research assistant in artificial intelligence, 1981–85
           Research associate in artificial intelligence, 1986
         Hebrew University. Postdoctoral fellow, Computer Science, 1986–89
         Hebrew University. Lecturer, Computer Science, 1989–1994
         Hebrew University. Senior Lecturer, Computer Science, 1994–1999
         Hebrew University. Department Chair, Computer Science, 1999–2000
         Hebrew University. Associate Professor, Computer Science, 1999–2008
         Hebrew University. Department Chair, Computer Engineering, 2003–2007
         Hebrew University. Professor, Computer Science, 2008–
         Hebrew University. Chairman, School of Engineering and Computer Science, 2011–2014

Honors: Phi Beta Kappa, 1979
        Lady Davis Postdoctoral Fellow, 1986–87
        Eshkol Fellow, 1988–89
        Golda Meir Fellow, 1989–91
        Outstanding Teacher list, Hebrew University, 1990, 2008, 2009, 2011, 2013, 2015
        Digital Equipment Corporation European Artificial Intelligence Prize, 1992
        IFAAMAS Influential Paper Award (joint winner), 2007
        Fellow, the Association for the Advancement of Artificial Intelligence (AAAI), 2009
        The Hebrew University Rector's Prize for Excellence in Research, Teaching
          and Active Participation in the Academic Life of the University, 2011
        The Sam and Will Strauss Chair in Computer Science, 2011
        The ACM/SIGART Autonomous Agents Research Award, 2013
        Fellow, the European Association for Artificial Intelligence (EurAI), 2016
        Fellow, the Association for Computing Machinery (ACM), 2019

Students Supervised:
Masters: Matthew Katz, Gilad Zlotkin, Orna Kliger (with Yoram Moses), Izhar Matzkevich,
        Uriel Fischer, Bracha Shapira (with Uri Chanani), Hava Siegelmann, Ran Levy,
        Gil Tidhar, Claudia Goldman, Michael Palatnik, Zeev Steiner, Ester Adler, Yishay Mor,
        Ariel Felner, Rami Jaschek, Michael Bluger (with Mori Rimon), Yuval Feinstein
        (with Mori Rimon), Amir Langer, Rivka Yagodnick, Taras Mahlin, Itai Yarom, Zinovi
        Rabinovich, Michael Berger, Zvi Topol, Michael Weinberg, Shai Roitman, Yehudit

Kelerman, Amit Shabtay, Aviv Zohar, Michael Zuckerman, Nir Pochter, Reshef Meir,
Omer Tripp, Yoni Peleg, Ezra Resnick, Ariel Adam, Elad Green, Yaad Blum,
Liron Cohen, Yoad Lewenberg, Leonid Trainer, Aaron Koolyk, Or Frenkel,
David Handler, Amitay Stern, Itay Sabato, Alona Basovich, Jonathan Kavitzky,
Ofir Abu, Shahaf Bassan, Nitsan Levy Schlotterbeck, Mira Finkelstein, Elad Gershon,
David Wies
Current: Rivka Vizen (with Gal Kaminka), Tom Eliassy

PhD: Gilad Zlotkin (with Daniel Lehmann) [1993]; Eithan Ephrati (with Daniel Lehmann) [1993];
Claudia Goldman [1999]; Zinovi Rabinovich [2008]; Yoram Bachrach [2009];
Ariel Procaccia [2009]; Inon Zuckerman (with Sarit Kraus) [2009]; Aviv Zohar [2011];
Michael Zuckerman [2013]; Reshef Meir [2013]; Omer Lev [2015]; Yoad Lewenberg [2018]
Current: Nitay Alon

Affiliations (Selected):

Area Chair, National Conference on Artificial Intelligence
(AAAI 2022), Vancouver, 2022

Program Committee, International Joint Conference on Autonomous Agents
and Multiagent Systems (AAMAS'22), Blue Sky Ideas Track, Auckland, 2022

Area Chair, International Joint Conference on Artificial Intelligence
(IJCAI 2021), Montreal, 2021

Area Chair, National Conference on Artificial Intelligence
(AAAI 2021), Virtual Conference, Worldwide, 2021

Program Committee, National Conference on Artificial Intelligence
(AAAI 2021), Senior Member Track, Virtual Conference, Worldwide, 2021

Senior Program Committee, International Joint Conference on Artificial Intelligence and
Pacific Rim International Conference on Artificial Intelligence (IJCAI-PRICAI 2020),
Yokohama, 2020

Area Chair, National Conference on Artificial Intelligence
(AAAI 2020), New York City, 2020

Program Committee, National Conference on Artificial Intelligence
(AAAI 2020), Senior Member Track, New York City, 2020

Senior Program Committee, International Joint Conference on Artificial Intelligence
(IJCAI'19), Macao, China, 2019

Area Chair, International Joint Conference on Autonomous Agents
and Multiagent Systems (AAMAS'19), Montreal, 2019

General Conference Chair, 27th International Joint Conference on Artificial Intelligence
and 23rd European Conference on Artificial Intelligence (IJCAI/ECAI 2018),
Stockholm, Sweden, 2018

Trustee, International Joint Conference on Artificial Intelligence (IJCAI)
Board of Trustees and Executive Committee Member, 2015–2020

Steering Committee, The Center for Innovation & Entrepreneurship
The Hebrew University of Jerusalem, 2019–2022

Senior Program Committee, National Conference on Artificial Intelligence
(AAAI 2018), New Orleans, 2018

Program Committee, National Conference on Artificial Intelligence

(AAAI 2018), Senior Member Track, New Orleans, 2018
Senior Program Committee, International Joint Conference on Autonomous Agents
and Multiagent Systems (AAMAS'17), Blue Sky Ideas Track, São Paulo, 2017
Senior Program Committee, National Conference on Artificial Intelligence
(AAAI 2017), San Francisco, 2017
Program Committee, National Conference on Artificial Intelligence
(AAAI 2017), Senior Member Track, San Francisco, 2017
Program Co-Chair, Sixth International Workshop on Computational
Social Choice (COMSOC 2016), Toulouse, France, 2016
Steering Committee, Workshop on Computational Social Choice, 2016–2021
Co-Editor in Chief, Journal of Autonomous Agents and Multi-Agent Systems, 1.2008–12.2013
Advisory Board, Journal of Artificial Intelligence Research, 1.2011–7.2016
Advisory Board, AI Access, 2013–
Editorial Board, SpringerBriefs book series on Intelligent Systems, 2013–
Senior Program Committee, International Joint Conference on Artificial Intelligence
(IJCAI'16), New York, 2016
Program Committee, International Joint Conference on Autonomous Agents
and Multiagent Systems (AAMAS'16), Singapore, 2016
Senior Program Committee, International Joint Conference on Artificial Intelligence
(IJCAI'15), Buenos Aires, 2015
Senior Program Committee, International Joint Conference on Autonomous Agents
and Multiagent Systems (AAMAS'15), Istanbul, 2015
Advisory Committee, International Joint Conference on Artificial Intelligence
(IJCAI 2015), Buenos Aires, Argentina, 2015
Program Committee, National Conference on Artificial Intelligence
(AAAI 2015), Austin, Texas, 2015
Senior Program Committee, National Conference on Artificial Intelligence
(AAAI 2014), Quebec City, 2014
Senior Program Committee, International Joint Conference on Autonomous Agents
and Multiagent Systems (AAMAS'14), Paris, 2014
Senior Program Committee, Challenges and Visions Track, International Joint Conference
on Autonomous Agents and Multiagent Systems (AAMAS'14), Paris, 2014
Committee chairman, IJCAI-JAIR Best Paper Prize, 2013
Track Chair, Challenges and Visions, International Joint Conference on Autonomous
Agents and Multiagent Systems (AAMAS'13), St. Paul, Minnesota, 2013
Senior Program Committee, International Joint Conference on Artificial Intelligence
(IJCAI 2013), Beijing, 2013
Committee member, IFAAMAS Victor Lesser Distinguished Dissertation Award, 2013
Area Chair, National Conference on Artificial Intelligence (AAAI 2012), Toronto, 2012
Committee member, IJCAI-JAIR Best Paper Prize, 2012
Senior Program Committee, International Joint Conference on Artificial Intelligence
(IJCAI 2011), Barcelona, 2011
Senior Program Committee, International Joint Conference on Autonomous Agents
and Multiagent Systems (AAMAS 2011), Taipei, Taiwan, 2011

Board Member, European Association for Multiagent Systems (EURAMAS), 2009–2011

Advisory Board Member, European Workshop on Multi-Agent Systems (EUMAS), 2009–2011

Associate Editor, Journal of Artificial Intelligence Research, 1.2008–12.2010

Area Chair, European Conference on Artificial Intelligence (ECAI 2010), Lisbon, 2010

Senior Program Committee, International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS 2010), Toronto, 2010

Chairman, Israeli Association for Artificial Intelligence, 2008–2010

President, International Foundation for Autonomous Agents and Multi-Agent Systems (IFAAMAS, formerly International Foundation for Multi-Agent Systems), 2004–2007; Past President, 2007–2009

Senior Program Committee, International Joint Conference on Artificial Intelligence (IJCAI 2009), Pasadena, 2009

Senior Program Committee, National Conference on Artificial Intelligence (AAAI 2008), Chicago, 2008

Senior Program Committee, International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS 2008), Estoril, Portugal, 2008

Coordinating Editor, Journal of Autonomous Agents and Multi-Agent Systems, 1997–2007, 2014–

Editorial Board Member, Journal of Artificial Intelligence Research, 2007–2010

Senior Program Committee, National Conference on Artificial Intelligence (AAAI 2007), Vancouver, 2007

Senior Program Committee, International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS 2006), Hakodate, Japan, 2006

Editorial Board Member, Computational Intelligence, 2005–

Senior Program Committee, International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS 2005), Utrecht, The Netherlands, 2005

General Co-Chair, Second International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS 2003), Melbourne, Australia, 2003

Technical Co-Chair, Fourth International Conference on Autonomous Agents (Agents 2000), Barcelona, 2000

Publications

Journals and Refereed Articles in Books:

1. Plans for Multiple Agents, M. J. Katz and Jeffrey S. Rosenschein. In *Distributed Artificial Intelligence, Volume II*, edited by L. Gasser and M. N. Huhns, Pitman/Morgan Kaufmann Publishers, London, 1989, pp. 197–228.

2. Communication-Free Interactions Among Rational Agents: A Probabilistic Approach, Jeffrey S. Rosenschein and J. S. Breese. In *Distributed Artificial Intelligence, Volume II*, edited by L. Gasser and M. N. Huhns, Pitman/Morgan Kaufmann Publishers, London, 1989, pp. 99–118.

3. Negotiation and Goal Relaxation, Gilad Zlotkin and Jeffrey S. Rosenschein. In "Decentralized A. I. 2, Proceedings of the Second European Workshop on Modeling Autonomous Agents

in a Multi-Agent World," Y. Demazeau and J. P. Muller, editors, Elsevier Science Publishers B.V./North-Holland, 1991, pages 273–286.

4. Cooperation and Conflict Resolution via Negotiation Among Autonomous Agents in Noncooperative Domains, Gilad Zlotkin and Jeffrey S. Rosenschein. IEEE Transactions on Systems, Man, and Cybernetics, Part A, Special Issue on Distributed Artificial Intelligence. Volume 21, Number 6, November/December 1991, pp. 1317–1324.

5. A Game Theoretic Approach to Distributed Artificial Intelligence and the Pursuit Problem, Ran Levy and Jeffrey S. Rosenschein. In "Decentralized Artificial Intelligence III," Y. Demazeau and E. Werner, editors, Elsevier Science Publishers B.V./North-Holland, 1992, pages 129–146. Also published in *Proceedings of the Workshop on Modeling Autonomous Agents in a Multi-Agent World*, Kaiserslautern, Germany, August 1991.

6. Single-Phase Agreements Among Rational Agents, Jeffrey S. Rosenschein and Michael R. Genesereth. Journal of Experimental and Theoretical Artificial Intelligence. Volume 5, 1993, pages 1–19.

7. Verifying Plans for Multiple Agents, Matthew J. Katz and Jeffrey S. Rosenschein. Journal of Experimental and Theoretical Artificial Intelligence. Volume 5, 1993, pages 39–56.

8. The Generation and Execution of Plans for Multiple Agents, Matthew J. Katz and Jeffrey S. Rosenschein. Computers and Artificial Intelligence. Volume 12, Number 1, 1993, pages 5–35.

9. The Extent of Cooperation in State-Oriented Domains: Negotiation Among Tidy Agents, Gilad Zlotkin and Jeffrey S. Rosenschein. Computers and Artificial Intelligence. Volume 12, Number 2, 1993, pages 105–122.

10. Planning to Please: Following Another Agent's Intended Plan, Eithan Ephrati and Jeffrey S. Rosenschein. Journal of Group Decision and Negotiation. Volume 2, Number 3, 1993, pages 219–235.

11. The Case of the Lying Postman: Decoys and Deception in Negotiation, Gilad Zlotkin and Jeffrey S. Rosenschein. Annals of Mathematics and Artificial Intelligence. Volume 9, Numbers III–IV, 1993, pages 361–386.

12. Compromise in Negotiation: Exploiting Worth Functions over States, Gilad Zlotkin and Jeffrey S. Rosenschein. Journal of Artificial Intelligence. Volume 84, Numbers 1–2, July 1996, pages 151–176.

13. Mechanism Design for Automated Negotiation, and its Application to Task Oriented Domains, Gilad Zlotkin and Jeffrey S. Rosenschein. Journal of Artificial Intelligence. Volume 86, Number 2, October 1996, pages 195–244.

14. Mechanisms for Automated Negotiation in State Oriented Domains, Gilad Zlotkin and Jeffrey S. Rosenschein. Journal of Artificial Intelligence Research. Volume 5, October 1996, pages 163–238.

15. Deriving Consensus in Multi-agent Systems, Eithan Ephrati and Jeffrey S. Rosenschein. Journal of Artificial Intelligence. Volume 87, Numbers 1–2, November 1996, pages 21–74.

16. A Heuristic Technique for Multiagent Planning, Eithan Ephrati and Jeffrey S. Rosenschein. Annals of Mathematics and Artificial Intelligence. Volume 20, Spring 1997, pages 13–67.

17. Musag: An Agent that Learns what you Mean, Claudia V. Goldman, Amir Langer and Jeffrey S. Rosenschein, Journal of Applied Artificial Intelligence, Special Issue on Practical Applications of Intelligent Agents and Multiagent Technology, Volume 11, Numbers 5–6, 1997, pages 413–435.

18. NetNeg: A Connectionist-Agent Integrated System for Representing Musical Knowledge, Claudia V. Goldman, Dan Gang, Jeffrey S. Rosenschein and Daniel Lehmann. Annals of Mathematics and Artificial Intelligence, Volume 25, Number 1, pages 69–90, 1999.

19. Exploiting Focal Points Among Alternative Solutions: Two Approaches, Sarit Kraus, Jeffrey S. Rosenschein and Maier Fenster. Annals of Mathematics and Artificial Intelligence. Volume 28, Numbers 1–4, pages 187–258, October 2000.

20. Evolutionary Patterns of Agent Organizations, Claudia V. Goldman and Jeffrey S. Rosenschein. IEEE Transactions on Systems, Man, and Cybernetics, Part A. Volume 32, Number 1, pages 135–148, 2002.

21. The Role of Middle-Agents in Electronic Commerce, Itai Yarom, Claudia V. Goldman and Jeffrey S. Rosenschein, IEEE Intelligent Systems, Volume 18, Number 6, pages 15–21, November/December 2003.

22. Achieving Allocatively-Efficient and Strongly Budget-Balanced Mechanisms in the Network Flow Domain for Bounded-Rational Agents, Yoram Bachrach and Jeffrey S. Rosenschein. Lecture Notes in Artificial Intelligence Vol. 3937, N. Sadeh and H. La Poutre (eds.) Springer Verlag, 2006, pages 71–84.

23. Behaviosites: A Novel Paradigm for Affecting Distributed Behavior, Amit Shabtay, Zinovi Rabinovich, and Jeffrey S. Rosenschein. In "The Fourth International Workshop on Engineering Self-Organizing Applications, Hakodate, Japan (ESOA 2006)," S. Brueckner, S. Hassas, M. Jelasity, and D. Yamins, editors, Lecture Notes in Artificial Intelligence 4335, Springer-Verlag, Berlin, 2006, pages 82–98.

24. Exact VC-Dimension of Monotone Formulas, Ariel D. Procaccia and Jeffrey S. Rosenschein. Neural Information Processing — Letters and Reviews. Volume 10, Number 7, July 2006, pages 165–168 (research letter).

25. The Distortion of Cardinal Preferences in Voting, Ariel D. Procaccia and Jeffrey S. Rosenschein. In "Cooperative Information Agents X, The Tenth International Workshop on Cooperative Information Agents, Edinburgh (CIA 2006)," M. Klusch, M. Rovatsos and T. R. Payne, editors, Lecture Notes in Artificial Intelligence 4149, Springer-Verlag, Berlin, September 2006, pages 317–331.

26. Junta Distributions and the Average-Case Complexity of Manipulating Elections, Ariel D. Procaccia and Jeffrey S. Rosenschein. Journal of Artificial Intelligence Research. Volume 28, February 2007, pages 157–181.

27. On the Complexity of Achieving Proportional Representation, Ariel D. Procaccia, Jeffrey S. Rosenschein, and Aviv Zohar. Social Choice and Welfare. Volume 30, Issue 3, 2008, pages 353–362.

28. Searching for Close Alternative Plans, Ariel Felner, Roni Stern, Jeffrey S. Rosenschein, and Alex Pomeransky. Journal of Autonomous Agents and Multiagent Systems. Volume 14, Number 3, June 2007, pages 211–237.

29. Complexity of Strategic Behavior in Multi-Winner Elections, Reshef Meir, Ariel D. Procaccia, Jeffrey S. Rosenschein, and Aviv Zohar. Journal of Artificial Intelligence Research. Volume 33, September 2008, pages 149–178.

30. Mechanisms for Information Elicitation, Aviv Zohar and Jeffrey S. Rosenschein. Journal of Artificial Intelligence, Volume 172, Number 16–17, November 2008, pages 1917–1939.

31. Power in Threshold Network Flow Games, Yoram Bachrach and Jeffrey S. Rosenschein. Journal of Autonomous Agents and Multiagent Systems, Volume 18, Number 1, February 2009, pages 106–132.

32. Gossip-Based Aggregation of Trust in Decentralized Reputation Systems, Yoram Bachrach, Ariel Parnes, Ariel D. Procaccia, and Jeffrey S. Rosenschein. Journal of Autonomous Agents and Multiagent Systems, Volume 19, Number 2, October 2009, pages 153–172.

33. Algorithms for the Coalitional Manipulation Problem, Michael Zuckerman, Ariel D. Procaccia, and Jeffrey S. Rosenschein. Journal of Artificial Intelligence, Volume 173, Number 2, February 2009, pages 392–412.

34. The Learnability of Voting Rules, Ariel D. Procaccia, Aviv Zohar, Yoni Peleg, and Jeffrey S. Rosenschein. Journal of Artificial Intelligence, Volume 173, Number 12–13, August 2009, pages 1133–1149.

35. Effort Games and the Price of Myopia, Yoram Bachrach, Michael Zuckerman, and Jeffrey S. Rosenschein. Mathematical Logic Quarterly, Special Issue on Logic and Complexity within Computational Social Choice, edited by Paul W. Goldberg and Jörg Rothe, Volume 55, Number 4, 2009, pages 377–396.

36. When to Apply the Fifth Commandment: The Effects of Parenting on Genetic and Learning Agents, Michael Berger and Jeffrey S. Rosenschein. Journal of Experimental and Theoretical Artificial Intelligence. Volume 22, Number 3, 2010, pages 159–195.

37. Approximating Power Indices: Theoretical and Empirical Analysis, Yoram Bachrach, Evangelos Markakis, Ezra Resnick, Ariel D. Procaccia, Jeffrey S. Rosenschein, and Amin Saberi. The Journal of Autonomous Agents and Multiagent Systems, Volume 20, Number 2, March 2010, pages 105–122.

38. Using Focal Point Learning to Improve Human-Machine Tacit Coordination, Inon Zuckerman, Sarit Kraus, and Jeffrey S. Rosenschein. The Journal of Autonomous Agents and Multiagent Systems, Volume 22, Number 2, March 2011, pages 289–316.

39. The Adversarial Activity Model for Bounded Rational Agents, Inon Zuckerman, Sarit Kraus, and Jeffrey S. Rosenschein. The Journal of Autonomous Agents and Multiagent Systems, Volume 24, Number 3, May 2012, pages 374–409.

40. On the Approximability of Dodgson and Young Elections, Ioannis Caragiannis, Jason A. Covey, Michal Feldman, Christopher M. Homan, Christos Kaklamanis, Nikos Karanikolas, Ariel D. Procaccia, and Jeffrey S. Rosenschein. The Journal of Artificial Intelligence. Volume 187–188, August 2012, pages 31–51.

41. Algorithms for Strategyproof Classification, Reshef Meir, Ariel D. Procaccia, and Jeffrey S. Rosenschein. Journal of Artificial Intelligence. Volume 186, 2012, pages 123–156.

42. Proof Systems and Transformation Games, Yoram Bachrach, Michael Zuckerman, Michael Wooldridge, and Jeffrey S. Rosenschein. Annals of Mathematics and Artificial Intelligence, January 2013, Volume 67, Issue 1, pages 1–30.

43. Computing Cooperative Solution Concepts in Coalitional Skill Games, Yoram Bachrach, David C. Parkes, and Jeffrey S. Rosenschein. Journal of Artificial Intelligence. Volume 204, November 2013, pages 1–21.

44. Teaching and Leading an Ad Hoc Teammate: Collaboration without Pre-Coordination, Peter Stone, Gal A. Kaminka, Sarit Kraus, Jeffrey S. Rosenschein, Noa Agmon. Journal of Artificial Intelligence. Volume 203, October 2013, pages 35–65.

45. Sharing Rewards in Cooperative Connectivity Games, Yoram Bachrach, Ely Porat, and Jeffrey S. Rosenschein. The Journal of Artificial Intelligence Research, Volume 47, 2013, pages 281–311.

46. Incomplete Information and Communication in Voting, Craig Boutilier and Jeffrey S. Rosenschein. In the "Handbook of Computational Social Choice", edited by Felix Brandt, Vincent Conitzer, Ulle Endriss, Jerome Lang, and Ariel D. Procaccia, Cambridge University Press, 2016, Chapter 10, pages 223–257.

47. Convergence of Iterative Scoring Rules, Omer Lev and Jeffrey S. Rosenschein. Journal of Artificial Intelligence Research, Volume 57, December 2016, pages 573–591.

48. Agent Failures in All-Pay Auctions, Yoad Lewenberg, Omer Lev, Yoram Bachrach, and Jeffrey S. Rosenschein. IEEE Intelligent Systems, Special issue on Artificial Intelligence and Economics, January-February 2017, pages 8–16.

49. Iterative Voting and Acyclic Games, Reshef Meir, Maria Polukarov, Jeffrey S. Rosenschein, and Nicholas R. Jennings. The Journal of Artificial Intelligence, Volume 252, November 2017, pages 100–122.

50. Bounds on the Cost of Stabilizing a Cooperative Game, Yoram Bachrach, Edith Elkind, Enrico Malizia, Reshef Meir, Dmitrii Pasechnik, Jeffrey S. Rosenschein, Jörg Rothe, and Michael Zuckerman. Journal of Artificial Intelligence Research, Volume 63, December 2018, pages 987–1023.

51. Strategyproof Peer Selection using Randomization, Partitioning, and Apportionment, Haris Aziz, Omer Lev, Nicholas Mattei, Jeffrey S. Rosenschein, and Toby Walsh. Journal of Artificial

Intelligence, Volume 275, October 2019, pages 295–309.

52. Reaching Consensus Under a Deadline, Marina Bannikova, Lihi Dery, Svetlana Obraztsova, Zinovi Rabinovich, and Jeffrey S. Rosenschein. Journal of Autonomous Agents and Multi-Agent Systems, Volume 35, Number 9, January 2021.

53. A (dis-)information theory of revealed and unrevealed preferences: The rise of deception and counter deception in multi-agent environment, Nitay Alon, Lion Schulz, Jeffrey S. Rosenschein, and Peter Dayan, Open Mind, Discoveries in Cognitive Science (2023) 7: 608–624, August 2023.

AAAI, IJCAI, NEURIPS, ECAI, ICMAS, AA, AAMAS, AIPS, EC, and SODA Articles:

54. Synchronization of Multi-Agent Plans, Jeffrey S. Rosenschein. *The National Conference on Artificial Intelligence*, Pittsburgh, Pennsylvania, August 1982, pp. 115–119. Also reprinted in *Readings in Distributed Artificial Intelligence*, edited by A. H. Bond and L. Gasser, Morgan Kaufmann Publishers, Inc., San Mateo, California, 1988, pp. 187–191.

55. Deals Among Rational Agents, Jeffrey S. Rosenschein and M. R. Genesereth. *The Ninth International Joint Conference on Artificial Intelligence*, Los Angeles, California, August 1985, pp. 91–99. Also published in *The Ecology of Computation*, edited by B. A. Huberman, North-Holland Publishing Company, Amsterdam, 1988, pp. 117–132, and reprinted in *Readings in Distributed Artificial Intelligence*, edited by A. H. Bond and L. Gasser, Morgan Kaufmann Publishers, Inc., San Mateo, California, 1988, pp. 227–234. This paper was awarded the IFAAMAS Influential Paper Award in 2007 (joint winner), recognizing papers that have had a significant impact on the field of agents and multi-agent systems.

56. Cooperation Without Communication, M. R. Genesereth, M. L. Ginsberg and Jeffrey S. Rosenschein. *The National Conference on Artificial Intelligence*, Philadelphia, Pennsylvania, August 1986, pp. 51–57. Also reprinted in *Readings in Distributed Artificial Intelligence*, edited by A. H. Bond and L. Gasser, Morgan Kaufmann Publishers, Inc., San Mateo, California, 1988, pp. 220–226.

57. Negotiation and Task Sharing Among Autonomous Agents in Cooperative Domains, Gilad Zlotkin and Jeffrey S. Rosenschein. *The Eleventh International Joint Conference on Artificial Intelligence*, Detroit, Michigan, August 1989, pp. 912–917.

58. Negotiation and Conflict Resolution in Non-Cooperative Domains, Gilad Zlotkin and Jeffrey S. Rosenschein. *Proceedings of the Eighth National Conference on Artificial Intelligence*, Boston, Massachusetts, July 1990, pp. 100–105.

59. The Clarke Tax as a Consensus Mechanism Among Automated Agents, Eithan Ephrati and Jeffrey S. Rosenschein. *Proceedings of the Ninth National Conference on Artificial Intelligence*, Anaheim, California, July 1991, pp. 173–178.

60. Incomplete Information and Deception in Multi-Agent Negotiation, Gilad Zlotkin and Jeffrey S. Rosenschein. *Proceedings of the Twelfth International Joint Conference on Artificial Intelligence*, Sydney, Australia, August 1991, pp. 225–231.

61. Constrained Intelligent Action: Planning Under the Influence of a Master Agent, Eithan Ephrati and Jeffrey S. Rosenschein. *Proceedings of the Tenth National Conference on Artificial Intelligence*, San Jose, California, July 1992, pp. 263–268.

62. Reaching Agreement Through Partial Revelation of Preferences, Eithan Ephrati and Jeffrey S. Rosenschein. *Proceedings of the Tenth European Conference on Artificial Intelligence*, Vienna, Austria, August 1992, pp. 229–233.

63. A Contract Net with Consultants: An Alternative Architecture and Experimental Results, Gil Tidhar and Jeffrey S. Rosenschein. *Proceedings of the Tenth European Conference on Artificial Intelligence*, Vienna, Austria, August 1992, pp. 219–223.

64. Multi-Agent Planning as a Dynamic Search for Social Consensus, Eithan Ephrati and Jeffrey S. Rosenschein. *Proceedings of the Thirteenth International Joint Conference on Artificial Intelligence*, Chambery, France, August 1993, pages 423–429.

65. A Domain Theory for Task Oriented Negotiation, Gilad Zlotkin and Jeffrey S. Rosenschein. *Proceedings of the Thirteenth International Joint Conference on Artificial Intelligence*, Chambery, France, August 1993, pages 416–422.

66. Plan Execution Motivation in Multi-Agent Systems, Eithan Ephrati, Motty Perry and Jeffrey S. Rosenschein. The Second International Conference on Artificial Intelligence Planning Systems, Chicago, Illinois, June 1994, pages 37–42.

67. Divide and Conquer in Multi-agent Planning, Eithan Ephrati and Jeffrey S. Rosenschein. *Proceedings of the National Conference on Artificial Intelligence*, Seattle, Washington, August 1994, pages 375–380.

68. Emergent Coordination through the Use of Cooperative State-Changing Rules, Claudia V. Goldman and Jeffrey S. Rosenschein. *Proceedings of the National Conference on Artificial Intelligence*, Seattle, Washington, August 1994, pages 408–413.

69. Coalition, Cryptography, and Stability: Mechanisms for Coalition Formation in Task Oriented Domains, Gilad Zlotkin and Jeffrey S. Rosenschein. *Proceedings of the National Conference on Artificial Intelligence*, Seattle, Washington, August 1994, pages 432–437.

70. A Tractable Heuristic that Maximizes Global Utility through Local Plan Combination, Eithan Ephrati, Martha E. Pollack and Jeffrey S. Rosenschein. The First International Conference on Multiagent Systems, San Francisco, California, June 1995, pages 94–101.

71. Coordination without Communication: Experimental Validation of Focal Point Techniques, Maier Fenster, Sarit Kraus and Jeffrey S. Rosenschein. The First International Conference on Multiagent Systems, San Francisco, California, June 1995, pages 102–108. Also reprinted in *Readings in Agents*, edited by Michael N. Huhns and Munindar P. Singh, Morgan Kaufmann Publishers, San Francisco, California, 1997, pages 380–386.

72. Time and the Prisoner's Dilemma, Yishay Mor and Jeffrey S. Rosenschein. The First International Conference on Multiagent Systems, San Francisco, California, June 1995, pages 276–282.

73. Partitioned Multiagent Systems in Information Oriented Domains, Claudia V. Goldman and Jeffrey S. Rosenschein. The Third International Conference on Autonomous Agents, Seattle, Washington, May 1999, pages 32–39.

74. Using Distributed Problem Solving to Search the Web, Amir Langer and Jeffrey S. Rosenschein. The Fourth International Conference on Autonomous Agents, Barcelona, Spain, June 2000, pages 197–198 (poster).

75. The Impact of InfoCenters on E-Marketplaces, Itai Yarom, Claudia V. Goldman and Jeffrey S. Rosenschein. The First International Joint Conference on Autonomous Agents and Multiagent Systems, Bologna, Italy, July 2002, pages 1290–1291 (poster).

76. DOrAM: Real Answers to Real Questions, Taras Mahlin, Claudia V. Goldman and Jeffrey S. Rosenschein. The First International Joint Conference on Autonomous Agents and Multiagent Systems, Bologna, Italy, July 2002, pages 792–793 (poster).

77. The Complexity of Multiagent Systems: The Price of Silence, Zinovi Rabinovich, Claudia V. Goldman and Jeffrey S. Rosenschein. The Second International Joint Conference on Autonomous Agents and Multiagent Systems, Melbourne, Australia, July 2003, pages 1102–1103 (poster).

78. Searching for an Alternative Plan, Ariel Felner, Alex Pomeransky and Jeffrey S. Rosenschein. The Second International Joint Conference on Autonomous Agents and Multiagent Systems, Melbourne, Australia, July 2003, pages 33–40.

79. When to Apply the Fifth Commandment: The Effects of Parenting on Genetic and Learning Agents, Michael Berger and Jeffrey S. Rosenschein. The Third International Joint Conference on Autonomous Agents and Multiagent Systems, New York, July 2004, pages 1328–1329 (poster).

80. Best-Response Multiagent Learning in Non-Stationary Environments, Michael Weinberg and Jeffrey S. Rosenschein. The Third International Joint Conference on Autonomous Agents and Multiagent Systems, New York, July 2004, pages 506–513.

81. Passive Threats among Agents in State Oriented Domains, Yair Weinberger and Jeffrey S. Rosenschein. The Sixteenth European Conference on Artificial Intelligence, Valencia, Spain, August 2004, pages 89–93.

82. Negotiation in State-Oriented Domains with Incomplete Information over Goals, Shlomit Bergman, Elan Pavlov and Jeffrey S. Rosenschein. The Sixteenth European Conference on Artificial Intelligence, Valencia, Spain, August 2004, pages 8–12.

83. Multiagent Coordination by Extended Markov Tracking, Zinovi Rabinovich and Jeffrey S. Rosenschein. The Fourth International Joint Conference on Autonomous Agents and Multiagent Systems, Utrecht, The Netherlands, July 2005, pages 431–438 (nominated for best student paper).

84. A Specification of the Agent Reputation and Trust (ART) Testbed: Experimentation and Competition for Trust in Agent Societies, Karen K. Fullam, Tomas B. Klos, Guillaume Muller, Jordi Sabater, Andreas Schlosser, Zvi Topol, K. Suzanne Barber, Jeffrey S. Rosenschein, Laurent

Vercouter and Marco Voss. The Fourth International Joint Conference on Autonomous Agents and Multiagent Systems, Utrecht, The Netherlands, July 2005, pages 512–518.

85. Using Tags to Evolve Trust and Cooperation Between Groups, Aviv Zohar and Jeffrey S. Rosenschein. The Fourth International Joint Conference on Autonomous Agents and Multiagent Systems, Utrecht, The Netherlands, July 2005, pages 1199–1200 (poster).

86. Achieving Allocatively-Efficient and Strongly Budget-Balanced Mechanisms in the Network Flow Domain for Bounded-Rational Agents, Yoram Bachrach and Jeffrey S. Rosenschein. The Nineteenth International Joint Conference on Artificial Intelligence, Edinburgh, Scotland, August 2005, pages 1653–1654 (poster).

87. Junta Distributions and the Average-Case Complexity of Manipulating Elections, Ariel D. Procaccia and Jeffrey S. Rosenschein. The Fifth International Joint Conference on Autonomous Agents and Multiagent Systems, Hakodate, Japan, May 2006, pages 497–504.

88. The Communication Complexity of Coalition Formation Among Autonomous Agents, Ariel D. Procaccia and Jeffrey S. Rosenschein. The Fifth International Joint Conference on Autonomous Agents and Multiagent Systems, Hakodate, Japan, May 2006, pages 505–512.

89. Learning to Identify Winning Coalitions in the PAC Model, Ariel D. Procaccia and Jeffrey S. Rosenschein. The Fifth International Joint Conference on Autonomous Agents and Multiagent Systems, Hakodate, Japan, May 2006, pages 673–675 (short paper).

90. On the Response of EMT-based Control to Interacting Targets and Models, Zinovi Rabinovich and Jeffrey S. Rosenschein. The Fifth International Joint Conference on Autonomous Agents and Multiagent Systems, Hakodate, Japan, May 2006, pages 465–470.

91. Behaviosites: A Novel Paradigm for Affecting Distributed Behavior, Amit Shabtay, Zinovi Rabinovich and Jeffrey S. Rosenschein. The Fifth International Joint Conference on Autonomous Agents and Multiagent Systems, Hakodate, Japan, May 2006, pages 679–681 (short paper).

92. Robust Mechanisms for Information Elicitation, Aviv Zohar and Jeffrey S. Rosenschein. The Fifth International Joint Conference on Autonomous Agents and Multiagent Systems, Hakodate, Japan, May 2006, pages 1202–1204 (short paper).

93. Robust Mechanisms for Information Elicitation, Aviv Zohar and Jeffrey S. Rosenschein. The Twenty-First National Conference on Artificial Intelligence, Boston, July 2006, pages 740–745.

94. Mechanisms for Partial Information Elicitation: The Truth, But Not the Whole Truth, Aviv Zohar and Jeffrey S. Rosenschein. The Twenty-First National Conference on Artificial Intelligence, Boston, July 2006, pages 734–739.

95. Behaviosites: Manipulation of Multiagent System Behavior through Parasitic Infection, Amit Shabtay, Zinovi Rabinovich, and Jeffrey S. Rosenschein. The Twenty-First National Conference on Artificial Intelligence, Boston, July 2006, pages 709–715.

96. Multi-Winner Elections: Complexity of Manipulation, Control and Winner-Determination, Ariel D. Procaccia, Jeffrey S. Rosenschein, and Aviv Zohar. The Twentieth International Joint

Conference on Artificial Intelligence (IJCAI 2007), Hyderabad, India, January 2007, pages 1476–1481.

97. Gossip-Based Aggregation of Trust in Decentralized Reputation Systems, Ariel D. Procaccia, Yoram Bachrach, and Jeffrey S. Rosenschein. The Twentieth International Joint Conference on Artificial Intelligence (IJCAI 2007), Hyderabad, India, January 2007, pages 1470–1475.

98. Using Focal Point Learning to Improve Tactic Coordination in Human-Machine Interactions, Inon Zuckerman, Sarit Kraus, and Jeffrey S. Rosenschein. The Twentieth International Joint Conference on Artificial Intelligence (IJCAI 2007), Hyderabad, India, January 2007, pages 1563–1568.

99. A Computational Characterization of Multiagent Games with Fallacious Rewards, Ariel D. Procaccia and Jeffrey S. Rosenschein. The Sixth International Joint Conference on Autonomous Agents and Multiagent Systems, Honolulu, Hawaii, May 2007, pages 1152–1159 (nominated for best student paper).

100. On the Robustness of Preference Aggregation in Noisy Environments, Ariel D. Procaccia, Jeffrey S. Rosenschein, and Gal A. Kaminka. The Sixth International Joint Conference on Autonomous Agents and Multiagent Systems, Honolulu, Hawaii, May 2007, pages 416–422.

101. Computing the Banzhaf Power Index in Network Flow Games, Yoram Bachrach and Jeffrey S. Rosenschein. The Sixth International Joint Conference on Autonomous Agents and Multiagent Systems, Honolulu, Hawaii, May 2007, pages 323–329 (nominated for best student paper).

102. Dynamics Based Control with an Application to Area-Sweeping Problems, Zinovi Rabinovich, Jeffrey S. Rosenschein, Gal A. Kaminka. The Sixth International Joint Conference on Autonomous Agents and Multiagent Systems, Honolulu, Hawaii, May 2007, pages 785–792.

103. An Adversarial Environment Model for Bounded Rational Agents in Zero-Sum Interactions, Inon Zuckerman, Sarit Kraus, Jeffrey S. Rosenschein, and Gal A. Kaminka. The Sixth International Joint Conference on Autonomous Agents and Multiagent Systems, Honolulu, Hawaii, May 2007, pages 538–545.

104. Average-Case Tractability of Manipulation in Elections via the Fraction of Manipulators, Ariel D. Procaccia, Jeffrey S. Rosenschein. The Sixth International Joint Conference on Autonomous Agents and Multiagent Systems, Honolulu, Hawaii, May 2007, pages 718–720 (poster).

105. Learning Voting Trees, Ariel D. Procaccia, Aviv Zohar, Yoni Peleg, and Jeffrey S. Rosenschein. The Twenty-Second National Conference on Artificial Intelligence, Vancouver, British Columbia, July 2007, pages 110–115.

106. Algorithms for the Coalitional Manipulation Problem, Michael Zuckerman, Ariel D. Procaccia, and Jeffrey S. Rosenschein. The ACM-SIAM Symposium on Discrete Algorithms (SODA 2008), San Francisco, California, January 2008, pages 277–286.

107. Automated Design of Scoring Rules by Learning from Examples, Ariel D. Procaccia, Aviv Zohar, and Jeffrey S. Rosenschein. The Seventh International Joint Conference on Autonomous Agents and Multiagent Systems, Estoril, Portugal, May 2008, pages 951–958.

108. A Broader Picture of the Complexity of Strategic Behavior in Multi-Winner Elections, Reshef Meir, Ariel D. Procaccia, and Jeffrey S. Rosenschein. The Seventh International Joint Conference on Autonomous Agents and Multiagent Systems, Estoril, Portugal, May 2008, pages 991–998.

109. Coalitional Skill Games, Yoram Bachrach and Jeffrey S. Rosenschein. The Seventh International Joint Conference on Autonomous Agents and Multiagent Systems, Estoril, Portugal, May 2008, pages 1023–1030.

110. Power and Stability in Connectivity Games, Yoram Bachrach, Jeffrey S. Rosenschein, and Ely Porat. The Seventh International Joint Conference on Autonomous Agents and Multiagent Systems, Estoril, Portugal, May 2008, pages 999–1006.

111. Distributed Multiagent Resource Allocation in Diminishing Marginal Return Domains, Yoram Bachrach and Jeffrey S. Rosenschein. The Seventh International Joint Conference on Autonomous Agents and Multiagent Systems, Estoril, Portugal, May 2008, pages 1103–1120.

112. Dynamics Based Control with PSRs, Ariel Adam, Zinovi Rabinovich, and Jeffrey S. Rosenschein. The Seventh International Joint Conference on Autonomous Agents and Multiagent Systems, Estoril, Portugal, May 2008, pages 387–394.

113. Approximating Power Indices, Yoram Bachrach, Vangelis Markakis, Ariel D. Procaccia, Jeffrey S. Rosenschein, and Amin Saberi. The Seventh International Joint Conference on Autonomous Agents and Multiagent Systems, Estoril, Portugal, May 2008, pages 943–950.

114. Incentives in Effort Games (Short Paper), Yoram Bachrach and Jeffrey S. Rosenschein. The Seventh International Joint Conference on Autonomous Agents and Multiagent Systems, Estoril, Portugal, May 2008, pages 1557–1560.

115. Strategyproof Classification Under Constant Hypotheses: A Tale of Two Functions, Reshef Meir, Ariel D. Procacciaa, and Jeffrey S. Rosenschein. The Twenty-Third National Conference on Artificial Intelligence, Chicago, Illinois, July 2008, pages 126–131.

116. Multiagent Graph Coloring: Pareto Efficiency, Fairness and Individual Rationality, Yaad Blum and Jeffrey S. Rosenschein. The Twenty-Third National Conference on Artificial Intelligence, Chicago, Illinois, July 2008, pages 24–29.

117. Coordination and Multi-Tasking Using EMT, Zinovi Rabinovich, Nir Pochter, and Jeffrey S. Rosenschein. The Twenty-Third National Conference on Artificial Intelligence, Chicago, Illinois, July 2008, pages 144–149.

118. An Empirical Investigation of the Adversarial Activity Model, Inon Zuckerman, Sarit Kraus, and Jeffrey S. Rosenschein. The Eighteenth European Conference on Artificial Intelligence (ECAI'08), Patras, Greece, July 2008, pages 861–862 (poster).

119. On the Approximability of Dodgson and Young Elections, Ioannis Caragiannis, Jason A. Covey, Michal Feldman, Christopher M. Homan, Christos Kaklamanis, Nikos Karanikolas, Ariel D. Procaccia, and Jeffrey S. Rosenschein. The ACM-SIAM Symposium on Discrete Algorithms (SODA 2009), New York, January 2009, pages 1058–1067.

120. Adding Incentives to File-Sharing Systems, Aviv Zohar and Jeffrey S. Rosenschein. The Eighth International Joint Conference on Autonomous Agents and Multiagent Systems, Budapest, Hungary, May 2009, pages 859–866.

121. Using Swamps to Improve Optimal Pathfinding (Extended Abstract), Nir Pochter, Aviv Zohar, and Jeffrey S. Rosenschein. The Eighth International Joint Conference on Autonomous Agents and Multiagent Systems, Budapest, Hungary, May 2009, pages 1163–1164.

122. The Cost of Stability in Weighted Voting Games (Extended Abstract), Yoram Bachrach, Reshef Meir, Michael Zuckerman, Jörg Rothe, and Jeffrey S. Rosenschein. The Eighth International Joint Conference on Autonomous Agents and Multiagent Systems, Budapest, Hungary, May 2009, pages 1289–1290.

123. Strategyproof Classification with Shared Inputs, Reshef Meir, Ariel D. Procaccia, and Jeffrey S. Rosenschein. The Twenty-First International Joint Conference on Artificial Intelligence (IJCAI 2009), Pasadena, California, July 2009, pages 220–225.

124. Complexity of Unweighted Coalitional Manipulation Under Some Common Voting Rules, Lirong Xia, Michael Zuckerman, Ariel D. Procaccia, Vincent Conitzer, and Jeffrey S. Rosenschein. The Twenty-First International Joint Conference on Artificial Intelligence (IJCAI 2009), Pasadena, California, July 2009, pages 348–353.

125. Sketching Techniques for Collaborative Filtering, Yoram Bachrach, Ely Porat, and Jeffrey S. Rosenschein. The Twenty-First International Joint Conference on Artificial Intelligence (IJCAI 2009), Pasadena, California, July 2009, pages 2016–2021.

126. On the Limits of Dictatorial Classification, Reshef Meir, Ariel D. Procaccia, and Jeffrey S. Rosenschein. The Ninth International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS 2010), Toronto, May 2010, pages 609–616.

127. Convergence to Equilibria of Plurality Voting, Reshef Meir, Maria Polukarov, Jeffrey S. Rosenschein, and Nick Jennings. The Twenty-Fourth National Conference on Artificial Intelligence (AAAI 2010), Atlanta, Georgia, July 2010, pages 823–828.

128. Ad Hoc Autonomous Agent Teams: Collaboration without Pre-Coordination, Peter Stone, Gal Kaminka, Sarit Kraus, and Jeffrey S. Rosenschein. The Twenty-Fourth National Conference on Artificial Intelligence (AAAI 2010), Atlanta, Georgia, July 2010, pages 1504–1509.

129. Search Space Reduction Using Swamp Hierarchies, Nir Pochter, Aviv Zohar, Jeffrey S. Rosenschein, and Ariel Felner. The Twenty-Fourth National Conference on Artificial Intelligence (AAAI 2010), Atlanta, Georgia, July 2010, pages 155–160.

130. Tight Bounds for Strategyproof Classification, Reshef Meir, Shaull Almagor, Assaf Michaely, and Jeffrey S. Rosenschein. The Tenth International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS 2011), Taipei, Taiwan, May 2011, pages 319–326.

131. An Algorithm for the Coalitional Manipulation Problem under Maximin, Michael Zuckerman, Omer Lev, and Jeffrey S. Rosenschein. The Tenth International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS 2011), Taipei, Taiwan, May 2011, pages 845–852.

132. Subsidies, Stability, and Restricted Cooperation in Coalitional Games, Reshef Meir, Jeffrey S. Rosenschein, and Enrico Malizia. The Twenty-Second International Joint Conference on Artificial Intelligence (IJCAI 2011), Barcelona, July 2011, pages 301–306.

133. Exploiting Problem Symmetries in State-Based Planners, Nir Pochter, Aviv Zohar, and Jeffrey S. Rosenschein. The Twenty-Fifth National Conference on Artificial Intelligence (AAAI 2011), San Francisco, August 2011, pages 1004–1009.

134. Convergence of Iterative Voting, Omer Lev and Jeffrey S. Rosenschein. The Eleventh International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS 2012), Valencia, Spain, June 2012, pages 611–618.

135. Manipulation with Randomized Tie-Breaking under Maximin (Extended Abstract), Michael Zuckerman and Jeffrey S. Rosenschein. The Eleventh International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS 2012), Valencia, Spain, June 2012, pages 1315–1316.

136. Mergers and Collusion in All-Pay Auctions and Crowdsourcing Contests, Omer Lev, Maria Polukarov, Yoram Bachrach, and Jeffrey S. Rosenschein. The Twelfth International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS 2013), Saint Paul, Minnesota, May 2013, pages 675–682.

137. Ishikawa Play, Yoad Lewenberg, Zinovi Rabinovich, and Jeffrey S. Rosenschein. The Twelfth International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS 2013), Saint Paul, Minnesota, May 2013, pages 627–634.

138. Avoid Fixed Pricing: Consume Less, Earn More, Make Clients Happy, Reshef Meir and Jeffrey S. Rosenschein. The Twelfth International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS 2013), Saint Paul, Minnesota, May 2013, pages 239–246.

139. Empirical Analysis of Plurality Election Equilibria, David R. M. Thompson, Omer Lev, Kevin Leyton-Brown, and Jeffrey S. Rosenschein. The Twelfth International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS 2013), Saint Paul, Minnesota, May 2013, pages 391–398.

140. Bounding the Cost of Stability in Games over Interaction Networks, Reshef Meir, Yair Zick, Edith Elkind, and Jeffrey S. Rosenschein. The Twenty-Seventh National Conference on Artificial Intelligence (AAAI 2013), Bellevue, Washington, July 2013, pages 690–696.

141. Agent Failures in All-Pay Auctions, Yoad Lewenberg, Omer Lev, Yoram Bachrach, and Jeffrey S. Rosenschein. The Twenty-Third International Joint Conference on Artificial Intelligence (IJCAI 2013), Beijing, August 2013, pages 241–247.

142. Cooperative Weakest Link Games, Yoram Bachrach, Omer Lev, Shachar Lovett, Jeffrey S. Rosenschein, and Morteza Zadimoghaddam. The Thirteenth International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS 2014), Paris, May 2014, pages 589–596.

143. A Local-Dominance Theory of Voting Equilibria, Reshef Meir, Omer Lev, and Jeffrey S. Rosenschein. The 15th ACM Conference on Economics and Computation (EC 2014), Palo Alto, California, June 2014, pages 313–330.

144. Analysis of Equilibria in Iterative Voting Schemes, Zinovi Rabinovich, Svetlana Obraztsova, Omer Lev, Evangelos Markakis, and Jeffrey S. Rosenschein. The Twenty-Ninth National Conference on Artificial Intelligence (AAAI 2015), Austin, Texas, January 2015, pages 1007–1013.

145. The Pricing War Continues: On Competitive Multi-Item Pricing, Omer Lev, Joel Oren, Craig Boutilier, and Jeffrey S. Rosenschein. The Twenty-Ninth National Conference on Artificial Intelligence (AAAI 2015), Austin, Texas, January 2015, pages 972–978.

146. Bitcoin Mining Pools: A Cooperative Game Theoretic Analysis, Yoad Lewenberg, Yoram Bachrach, Yonatan Sompolinsky, Aviv Zohar, and Jeffrey S. Rosenschein. The Fourteenth International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS 2015), Istanbul, May 2015, pages 919–927.

147. Beyond Plurality: Truth-Bias in Binary Scoring Rules (Extended Abstract), Svetlana Obraztsov, Omer Lev, Evangelos Markakis, Zinovi Rabinovich, and Jeffrey S. Rosenschein. The Fourteenth International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS 2015), Istanbul, May 2015, pages 1733–1734.

148. Strategyproof Peer Selection: Mechanisms, Analyses, and Experiments, Haris Aziz, Omer Lev, Nicholas Mattei, Jeffrey S. Rosenschein, and Toby Walsh. The Thirtieth National Conference on Artificial Intelligence (AAAI 2016), Phoenix, Arizona, January 2016, pages 390–396.

149. Convergence of Iterative Voting Under Non-Scoring Rules (Extended Abstract), Aaron Koolyk, Omer Lev, and Jeffrey S. Rosenschein. The 15th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2016), Singapore, May 2016, pages 1329–1330.

150. Tracking Performance and Forming Study Groups for Prep Courses Using Probabilistic Graphical Models (Extended Abstract), Yair Zick, Yoad Lewenberg, Yoram Bachrach, and Jeffrey S. Rosenschein. The 15th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2016), Singapore, May 2016, pages 1359–1360.

151. Strategic Voting with Incomplete Information, Ulle Endriss, Svetlana Obraztsova, Maria Polukarov, and Jeffrey S. Rosenschein. The Twenty-Fifth International Joint Conference on Artificial Intelligence (IJCAI 2016), New York, July 2016, pages 236–242.

152. Knowing What To Ask: A Bayesian Active Learning Approach to the Surveying Problem, Yoad Lewenberg, Yoram Bachrach, Ulrich Paquet, and Jeffrey S. Rosenschein. The Thirty-First National Conference on Artificial Intelligence (AAAI 2017), San Francisco, February 2017, pages 1396-1402.

153. Real Candidacy Games: A New Model for Strategic Candidacy, Itay Sabato, Svetlana Obraztsova, Zinovi Rabinovich, and Jeffrey S. Rosenschein. The Sixteenth International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2017), São Paulo, Brazil, May 2017, pages 867–875.

154. Divide and Conquer: Using Geographic Manipulation to Win District-Based Elections, Yoad Lewenberg, Omer Lev and Jeffrey S. Rosenschein. The Sixteenth International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2017), São Paulo, Brazil, May 2017, pages 624–632.

155. Distant Truth: Bias under Vote Distortion Costs, Svetlana Obraztsova, Evangelos Markakis, Omer Lev, Zinovi Rabinovich, and Jeffrey S. Rosenschein. The Sixteenth International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2017), São Paulo, Brazil, May 2017, pages 885–892

156. Convergence and Quality of Iterative Voting Under Non-Scoring Rules, Omer Lev, Jeffrey S. Rosenschein, Aaron Koolyk, and Tyrone Strangway. The 26th International Joint Conference on Artificial Intelligence (IJCAI 2017), Melbourne, Australia, August 2017, pages 273–279.

157. Gerrymandering Over Graphs, Amittai Cohen-Zemach, Yoad Lewenberg, and Jeffrey S. Rosenschein. The Seventeenth International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2018), Stockholm, July 2018, pages 274–282.

158. The Gift Exchange Game: Managing Opponent Actions (Extended Abstract), Steven Damer, Maria Gini, and Jeffrey S. Rosenschein. The Eighteenth International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2019), Montreal, May 2019, pages 1913–1915.

159. Reaching Consensus Under a Deadline, Marina Bannikova, Lihi Dery, Svetlana Obraztsova, Zinovi Rabinovich, and Jeffrey S. Rosenschein. In Proceedings of the 21st International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2022), The JAAMAS Special Track, Online, May 9–13, 2022, 3 pages.

160. Reinforcement Learning Explainability via Model Transforms (Student Abstract), Mira Finkelstein, Lucy Liu, Yoav Kolumbus, David C. Parkes, Jeffrey S. Rosenschein, Sarah Keren, AAAI 2022: pages 12943–12944.

161. Explainable Reinforcement Learning via Model Transforms, Mira Finkelstein, Nitsan Levy Schlot, Lucy Liu, Yoav Kolumbus, David C. Parkes, Jeffrey Rosenschein, Sarah Keren, The Thirty-Sixth Conference on Neural Information Processing Systems (NeurIPS 2022), New Orleans, December 2022.

PhD, Books, Magazines, and Journal Special Issues:

162. Rational Interaction: Cooperation Among Intelligent Agents, Jeffrey S. Rosenschein. Ph.D. Thesis, 1986. Also published as Report No. STAN-CS-85-1081, Department of Computer Science, October 1985, and as Report No. KSL-85-40, Knowledge Systems Laboratory, Stanford University, October 1985.

163. Rules of Encounter: Designing Conventions for Automated Negotiation Among Computers, Jeffrey S. Rosenschein and Gilad Zlotkin. MIT Press, Cambridge, Massachusetts, 1994.

164. Consenting Agents: Designing Conventions for Automated Negotiation, Jeffrey S. Rosenschein and Gilad Zlotkin. *AI Magazine*, Volume 15, Number 3, Fall 1994, pages 29–46. Also reprinted

in *Readings in Agents*, edited by Michael N. Huhns and Munindar P. Singh, Morgan Kaufmann Publishers, San Francisco, California, 1997, pages 353–370.

165. Proceedings of the Fourth International Conference on Autonomous Agents, edited by Carles Sierra, Maria Gini, and Jeffrey S. Rosenschein. Association for Computing Machinery Press, New York, New York, 2000.

166. Special Issue of the Journal of Autonomous Agents and Multi-Agent Systems, The Best Papers from Autonomous Agents 2000, edited by Maria Gini and Jeffrey S. Rosenschein, Volume 6, Number 3, May 2003.

167. Proceedings of the Second International Joint Conference on Autonomous Agents and Multi-agent Systems, edited by Jeffrey S. Rosenschein, Tuomas Sandholm, Michael Wooldridge, and Makoto Yokoo. Association for Computing Machinery Press, New York, New York, 2003.

Invited Papers and Book Chapters:

168. The Role of Representation in Interaction: Discovering Focal Points Among Alternative Solutions, Sarit Kraus and Jeffrey S. Rosenschein. Invited paper in *Proceedings of the Workshop on Modeling Autonomous Agents in a Multi-Agent World*, Kaiserslautern, Germany, August 1991. Also published in "Decentralized Artificial Intelligence III," Y. Demazeau and E. Werner, editors, Elsevier Science Publishers B.V./North-Holland, 1992, pages 147–165.

169. Teaching Distributed Artificial Intelligence, in *Distributed Artificial Intelligence: Theory and Praxis*, Jeffrey S. Rosenschein. Nicholas M. Avouris and Les Gasser, editors, Kluwer Academic Publishers, 1992, pages 215–227.

170. Consenting Agents: Negotiation Mechanisms for Multi-Agent Systems. Invited presentation given at the International Joint Conference on Artificial Intelligence, Chambery, France, August 1993, pages 792–799.

171. New Approaches to Multi-Agent Planning, Eithan Ephrati and Jeffrey S. Rosenschein. Invited paper at the NATO Advanced Research Workshop on Integration: Information and Collaboration Models, Il Ciocco, Italy (June 1993). Published in *Information and Collaboration Models of Integration*, Shimon Y. Nof, editor, Kluwer Academic Publishers, 1994, pages 349–364.

172. Multi-Agent Planning as Search for a Consensus that Maximizes Social Welfare, Eithan Ephrati and Jeffrey S. Rosenschein. In "Artificial Social Systems," C. Castelfranchi and E. Werner, editors, Lecture Notes in Artificial Intelligence 830, Springer-Verlag, Berlin, 1994, pages 207–226.

173. Negotiation with Incomplete Information about Worth: Strict versus Tolerant Mechanisms, Gilad Zlotkin and Jeffrey S. Rosenschein. In "Artificial Social Systems," C. Castelfranchi and E. Werner, editors, Lecture Notes in Artificial Intelligence 830, Springer-Verlag, Berlin, 1994, pages 115–132.

174. A Framework for the Interleaving of Execution and Planning for Dynamic Tasks by Multiple Agents, Eithan Ephrati and Jeffrey S. Rosenschein. In "From Reaction to Cognition,

Fifth European Workshop on Modelling Autonomous Agents in a Multi-Agent World," Cristiano Castelfranchi and Jean-Pierre Muller, editors, Lecture Notes in Artificial Intelligence 957, Springer-Verlag, Berlin, 1995, pages 139–153.

175. Voting in Cooperative Information Agent Scenarios: Use and Abuse, Jeffrey S. Rosenschein and Ariel D. Procaccia. In "Cooperative Information Agents X, The Tenth International Workshop on Cooperative Information Agents, Edinburgh (CIA 2006)," M. Klusch, M. Rovatsos and T. R. Payne, editors, Lecture Notes in Artificial Intelligence 4149, Springer-Verlag, Berlin, September 2006, pages 33–50.

176. Understanding Mechanism Design—Part 2 of 3: The Vickrey-Clarke-Groves Mechanism, Jeffrey S. Rosenschein. IEEE Intelligent Systems 36(3): 80–81 (2021).

Invited Presentations (selected):

Cooperation, Competition and Deception: Domains of Negotiation among Autonomous Agents, Gilad Zlotkin and Jeffrey S. Rosenschein. Invited presentation to the Italian Association of Artificial Intelligence annual meeting, June 1992.

Agents and Consensus: Protocols and Mechanisms. Invited presentation given at the Third Bar Ilan Symposium on Foundations of Artificial Intelligence, Ramat Gan, Israel, June 1993.

Invited speaker at the Fourth International Colloquium on Cognitive Science, Donostia–San Sebastián, Spain, May 3–6, 1995.

Invited speaker at the First International Conference on Multiagent Systems, San Francisco, California, June 1995.

Invited speaker at the IEEE Computer Science 1997 Israeli Federated Computing Conference Workshop, Herzliya, Israel, June 1997.

Invited speaker at the Practical Applications of Multiagent Systems Conference, London, March 1998.

Invited speaker at the Ninth International Symposium on Artificial Intelligence and Mathematics, Fort Lauderdale, Florida, January 2006.

Invited speaker at the 8th International Symposium on Distributed Autonomous Robotic Systems (DARS 2006), Minneapolis, Minnesota, July 2006.

Invited speaker at the Tenth International Workshop on Cooperative Information Agents (CIA 2006), Edinburgh, September 2006.

Invited speaker at the Israel Association for Artificial Intelligence Symposium, Ben Gurion University, Beersheva, Israel, June 2008.

Invited speaker at the International Conference on Electronic Commerce, Innsbruck, Austria, August 2008.

Invited speaker at the 18th International Conference on Automated Planning and Scheduling (ICAPS'08), Sydney, Australia, September 2008.

Invited presentation at the Bar Ilan Symposium on Foundations of Artificial Intelligence, Ramat Gan, Israel, June 2013.

Invited presentation at the Workshop on Game Theory at Milan Universities IV, Politecnico di Milano, Milan, Italy, May 2015.

Invited presentation at the Twenty-second European Conference on Artificial Intelligence, The Hague, The Netherlands, August 2016.

Tutorials (selected):

Presented four-hour tutorials on Distributed Artificial Intelligence at the National Conference on Artificial Intelligence in 1990 (Boston) and 1991 (Anaheim), both with Les Gasser.

One of presenters of EuroCourse on Distributed Artificial Intelligence, Commission of the European Communities, Joint Research Centre, Ispra, Italy, 1–5 July 1991.

Presented four-hour tutorial on Distributed Artificial Intelligence at the International Joint Conference on Artificial Intelligence in August 1993 (Chambery, France), with Les Gasser.

Presented tutorials on Distributed Artificial Intelligence at the National Conference on Artificial Intelligence in July 1994 (Seattle) and at the European Conference on Artificial Intelligence in August 1994 (Amsterdam), both with Les Gasser.

Other Conference, Magazine, and Workshop Articles:

177. Communication and Cooperation Among Logic-Based Agents, Jeffrey S. Rosenschein and M. R. Genesereth. *The IEEE Phoenix Conference on Computers and Communications*, Scottsdale, Arizona, February 1987, pp. 594–600.

178. The Role of Knowledge in Logic-Based Rational Interaction, Jeffrey S. Rosenschein. *The IEEE Phoenix Conference on Computers and Communications*, Scottsdale, Arizona, March 1988, pp. 497–504.

179. Negotiation and Task Sharing in a Non-Cooperative Domain, Gilad Zlotkin and Jeffrey S. Rosenschein. In *Proceedings of the Ninth Workshop on Distributed Artificial Intelligence*, Rosario, Washington, September 1989, pp. 307–327.

180. A Framework for Interactions Among Agents of Disparate Capabilities, Orna J. Kliger and Jeffrey S. Rosenschein. *Proceedings of the Sixth Israeli Conference on Artificial Intelligence, Vision and Pattern Recognition*, Ramat Gan, Israel, December 1989, pp. 161–196.

181. Blocks, Lies, and Postal Freight: The Nature of Deception in Negotiation, Gilad Zlotkin and Jeffrey S. Rosenschein. In *Proceedings of the Tenth International Workshop on Distributed Artificial Intelligence*, Bandera, Texas, October 1990, chapter 8.

182. Non-Absolute Control Among Intelligent Agents: Preliminary Report, Eithan Ephrati and Jeffrey S. Rosenschein. *Proceedings of the Eighth Israeli Conference on Artificial Intelligence, Vision and Pattern Recognition*, Ramat Gan, Israel, December 1991, pages 155–179.

183. Planning to Please: Planning While Constrained by a Master Agent, Eithan Ephrati and Jeffrey S. Rosenschein. *The Eleventh International Workshop on Distributed Artificial Intelligence*, Glen Arbor, Michigan, February 1992, pages 77–94.

184. A Game Theoretic Approach to the Pursuit Problem, Ran Levy and Jeffrey S. Rosenschein. *The Eleventh International Workshop on Distributed Artificial Intelligence*, Glen Arbor, Michigan, February 1992, pages 195–213.

185. A Domain Theory for Task Oriented Negotiation, Gilad Zlotkin and Jeffrey S. Rosenschein. *Workshop on Modeling Autonomous Agents in a Multi-Agent World*, Rome, Italy, July 1992, chapter 11. Also appeared in *The National Conference on Artificial Intelligence*, Workshop on Cooperation Among Heterogeneous Intelligent Systems, San Jose, California, July 1992.

186. Distributed Consensus Mechanisms for Self-Interested Heterogeneous Agents, Eithan Ephrati and Jeffrey S. Rosenschein. *First International Conference on Intelligent and Cooperative Information Systems*, Rotterdam, The Netherlands, May 1993, pages 71–79.

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