

## SARIT KRAUS Curriculum Vitae

[www.cs.biu.ac.il/~sarit](http://www.cs.biu.ac.il/~sarit)

### Research Interests :

The development of intelligent systems, human-agent (including robots) interaction, multi-agent systems, machine-learning, social networks, agent optimization, autonomous vehicles, homeland security, adversarial patrolling and nonmonotonic reasoning.

### Education :

**Ph.D.-** 1989- The Hebrew University of Jerusalem, Computer Science.

Thesis title - "Planning and Communication in a Multi Agent Environment", advisor - Prof. Daniel Lehmann.

**M.Sc-** 1983, The Hebrew University of Jerusalem, Computer Science (with distinction). Thesis title - "Decision Procedures For Time and Chance", advisor - Prof. Daniel Lehmann.

**B.Sc.-** 1982, The Hebrew University of Jerusalem, Mathematics and Computer Science (with distinction).

### Academic Employment :

2001 - present: Professor, Department of Computer Science, Bar Ilan University (1995 - 2001: Associate Professor, 1991 - 1995: Senior Lecturer).

2016- 2018: Chair, Department of Computer Science, Bar-Ilan University.

2001 - 2017: Adjunct Professor, Institute for Advanced Computer Studies, University of Maryland (1995 - 2001: Adjunct Associate Professor, 1991 - 1995: Adjunct Assistant Professor).

1997-1998: Visiting Associate Professor, Institute for Advanced Computer Studies and Department of Computer Science, University of Maryland.

1989 - 1990: Visiting Assistant Professor, Institute for Advanced Computer Studies and Department of Computer Science, University of Maryland.

Summer 1989: Visiting Research Associate, Department of Computer Science, Stanford University.

1988 - 1989: Faculty Research Assistant, Institute for Advanced Computer Studies and Department of Computer Science, University of Maryland.

1984 - 1988: Instructor, Dept. of Computer Science, The Hebrew University of Jerusalem.

1983: Teaching Assistant, Dept. of Computer Science, The Hebrew University of Jerusalem.

### Major Awards and Honors :

**ACM Fellow, 2015.**

Citation:

*For contributions to artificial intelligence, including multi-agent systems, human-agent interaction and non-monotonic reasoning.*

About the award:

ACM's most prestigious member grade recognizes the top 1% of ACM members for their outstanding accomplishments in computing and information technology and/or outstanding service to ACM and the larger computing community.

**IFAAMAS Influential Paper Award, 2014**

Onn Shehory and Sarit Kraus. Methods for task allocation via agent coalition formation. *Artificial Intelligence*, 101(1-2): 165-200, 1998.

About the award:

The International Foundation for Autonomous Agents and Multi-Agent Systems has established an influential paper award to recognize publications that have made seminal contributions to the field. Such papers should represent the best and most influential work in the field. The award is open to any paper that was published at least 10 years before the relevant AAMAS takes place.

**Academia Europaea, 2012: member**

About the award:

Academia Europaea is a European, non-governmental association acting as an Academy. Its members, who are elected following peer review by the nominations committee, are scientists and scholars who collectively aim to promote learning, education and research. Founded in 1988, it has over 2000 members, which include leading experts from the physical sciences and technology, biological sciences and medicine, mathematics, the letters and humanities, social and cognitive sciences, economics and the law.

**Advanced ERC grant, 2011: *Computers Arguing with People***

About the award:

ERC Advanced Grants allow exceptional established research leaders of any nationality and any age to pursue ground-breaking, high-risk projects that open new directions in their respective research fields or other domains.

**EMET Prize, 2010: Citation as follows:**

*The EMET Prize is awarded to Prof. Sarit Kraus for her expertise in the field of artificial intelligence, her significant contribution to the field of autonomous agents and for her studies in the field of multiagent systems*

About the award:

The EMET Prize is an annual prize given for excellence in academic and professional achievements that have far reaching influence and significant contributions to society.

The Prizes, in a total amount of one million US Dollars, are sponsored by the A.M.N. Foundation for the Advancement of Science, Art and Culture in Israel, under the auspices of and in cooperation with the Prime Minister of Israel.

**ECCAI Fellow, 2008:**

About the award:

The ECCAI Fellows program was started in 1999 to recognize individuals who have made significant, sustained contributions to the field of artificial intelligence (AI) in Europe. It honors only a very small percentage of the total membership of all ECCAI member societies (up to a maximum of 3).

### **ACM/SIGART Autonomous Agents Research Award, 2007:**

Citation as follows:

*The selection committee for the ACM/SIGART Autonomous Agents Research Award is pleased to announce that Prof Sarit Kraus, of Bar-Ilan University, Israel, is the recipient of the 2007 award. Prof Kraus is well known for her work on formal models of multi-agent systems. In particular, she pioneered the development of techniques for computational negotiation, automated coalition formation, cooperative search, and the logical formalization of cooperation and multi-agent shared plans. She has also made significant and lasting contributions to the wider field of AI, in areas such as search and non-monotonic reasoning.*

*In addition to her substantial research contributions, Prof Kraus has served the autonomous agents research community in many ways. She was PC chair of the Fourth International Conference on Multi-Agent Systems (ICMAS2000), and general co-chair of the Fourth International Conference on Autonomous Agents and Multi Agent Systems (AAMAS2005). She has been an associate editor of the AAMAS journal since its founding, and an editor of AI Journal since 2000. Sarit is also an Adjunct Professor of Computer Science at the Institute for Advanced Computer Studies, University of Maryland.*

About the award:

ACM SIGART, in collaboration with the International Conference on Autonomous Agents, instituted an annual award for excellence in research in the area of autonomous agents.

### **IFAAMAS Influential Paper Award, 2007**

B. J. Grosz and S. Kraus (1996) "Collaborative Plans for Complex Group Actions" Artificial Intelligence 86, pages 269-358.

About the award:

The International Foundation for Autonomous Agents and Multi-Agent Systems has established an influential paper award to recognize publications that have made seminal contributions to the field. Such papers should represent the best and most influential work in the field. The award is open to any paper that was published at least 10 years before the relevant AAMAS takes place.

### **AAAI Fellow, 2002:**

Citation as follows:

*For significant contributions to modeling of negotiation, collaboration, and non-monotonic reasoning, including theoretical advances and applications in various computational domains.*

About the award:

The Association for the Advancement of Artificial Intelligence's Fellows program was started in 1990 to recognize individuals who have made significant, sustained contributions—usually over at least a ten-year period—to the field of artificial intelligence.

### **IJCAI Computers and Thought Award, 1995:**

Citation as follows:

*Sarit Kraus is Senior Lecturer at Bar Ilan University, Israel. She is also a regular visitor and contributor to research at the Institute for Advanced Computer Studies at the University of Maryland. As part of her doctoral research, she wrote a program that plays the game "Diplomacy". This led her to investigate the application of game theory and non-classical logics to automated negotiations. She has also made contributions to both theoretical and practical aspects of nonmonotonic reasoning.*

About the award:

The IJCAI Computers and Thought Award is presented by the International Joint Conferences on Artificial Intelligence (IJCAI), recognizing outstanding young scientists in artificial intelligence.

**Other Awards and Honors :**

- Honorary degree of HIT, 2019.
- The Vision and Achievement award, 2019.
- 2018 winner of Israeli Hi-tech leadership.
- Selected as one of the 21 women that changes the Israeli Hi-tech, 2018.
- Israeli discoveries and development that influenced the world, 2016.
- Best robotic video prize at the IJCAI 2015 video competition for "Intelligent Agent Supporting Human-Multi-Robot Team Collaboration" video by Ariel Rosenfeld, Oleg Maksimov, Noa Agmon and Sarit Kraus.
- Emunah's Woman of the Year award for 2010.
- A special commendation from the city of Los Angeles, together with Prof. Tambe, Prof. Ordonez and their USC students, for the creation of the ARMOR security scheduling system, 2009.
- IBM faculty award, 2001.

**Best paper awards:**

1. Adaptive Learning Agents (ALA 2017) workshop. A. Rosenfeld, M. E. Taylor and S. Kraus. Speeding up Tabular Reinforcement Learning Using State-Action Similarities.
2. AAAI-15 Blue Sky track. S. Kraus. Intelligent Agents for Rehabilitation and Care of Disabled and Chronic Patients.
3. The Third International Conference on Advances in Information Mining and Management (IMMM 2013). Ariella Richardson, Gal A. Kaminka, Sarit Kraus, REEF: Resolving Length Bias in Frequent Sequence Mining.
4. International Conference on Autonomous Agents and Multi-Agent Systems, 2011. (AAMAS 2011). Ulle Endriss, Sarit Kraus, Jerome Lang and Michael Wooldridge. Designing Incentives for Boolean Games.
5. The 8th International Conference on Advances in Mobile Computing and Multimedia (MoMM2010). R. Adany, S. Kraus and Fernando Ordonez. Uncertain Personal Advertisement Allocation for Mobile TV.
6. International Conference on Autonomous Agents and Multi-Agent Systems, 2008(AAMAS 2008). P. E. Dunne, W. van der Hoek, S. Kraus and M. Wooldridge. Cooperative Boolean Games.
7. International workshop on Cooperative Information Agents 2007 (CIA07). Avi Rosenfeld, Claudia Goldman, Gal Kaminka and Sarit Kraus An Agent Architecture for Hybrid P2P Free-Text Search.
8. International Workshop on Safety and Security in Multi-Agent Systems 2006 (SASEMAS 06). R. Meshulam, S. Reches, A. Yarden, S. Kraus. MLBP: MAS for Large-Scale Biometric Pattern Recognition. 3rd International Workshop on Safety and Security in Multiagent Systems.
9. International Workshop on Safety and Security in Multi-Agent Systems 2005 (SASEMAS 05). Praveen Paruchuri, Don Dini, Milind Tambe, Fernando Ordonez, Sarit Kraus. Between collaboration and competition: An Initial Formalization using Distributed POMDPs.
10. International workshop on Cooperative Information Agents, 2002 (CIA02). R. Azoulay-Schwartz and S. Kraus. Acquiring an Optimal Amount of Information for Choosing from Alternatives.

11. International workshop on Agent Theories, Architectures, and Languages, 1998 (ATAL98). O. Shehory, S. Kraus and O. Yadgar. Goal Satisfaction in large scale agent-systems: A transportation example.

**Finalist for Best Paper awards:**

1. ECAI 2006. Raz Lin, Sarit Kraus, Jonathan Wilkenfeld and James Barry. An Automated Agent for Bilateral Negotiation with Bounded Rational Agents with Incomplete Information.
  2. International Conference on Autonomous Agents and Multi-Agent Systems, 2009 (AAMAS 2009). Raz Lin, Yinon Oshrat, Sarit Kraus, Investigating the Benefits of Automated Negotiations in Enhancing Negotiation Skills of People.
  3. International Conference on Autonomous Agents and Multi-Agent Systems, 2013 (AAMAS 2013). A. Xin Jiang, Z. Yin, Chao Zhang, Milind Tambe, Sarit Kraus. Game-theoretic Randomization for Security Patrolling with Dynamic Execution Uncertainty, Proc. of AAMAS 2013.
- M. Landau Mifal Hapayis prize for students, 1986.
  - Prize of the Israel Association of University Women, 1984.
  - Eshkol scholarship 1983.

**Research Grants (selected) :**

The Computation Intensive Integrated Research Environment, excellent young scientists equipment support prog, Basic Research Foundation, (joint with Yisrael Gottlieb), 1992, \$20,000.

Crisis Negotiation Environment Project, United States Institute of Peace, (joint with Jonathan Wilkenfeld, University of Maryland), 1995-1997, \$25,000.

IMAP: Intelligent Multimedia Authoring tools for electronic Publishing, GIF, (with Elisabeth André and W. Wahlster), 1999-2001, \$110,000.

Stochastic and Heuristic methods for the dynamic assignment parking problem, Ministry of Science (Secondary PI), 1998-1999, 314,500 NIS.

Intelligent Multimedia Application GENERator (IMAGEN), EC, the Fifth Framework Programme, (with 5 European partners, including DFKI), 2001-2002, 1,290,000 Euro.

Automated WebTrader, GM-UMI, 2001-2002, \$150,000.

Israeli Science Foundation center of excellence, Communication Networks: Topology, Dynamics and Applications, 2003-2010, 1,375,000 NIS.

Data Collection and Integration in Very Large-scale Networks, MAFAT, 2003-2005, 310,000 NIS.

Dynamic distributed tuning in 4G networks using cooperative negotiations, MAGNET: REMON, 2004-2007, 685,000 NIS.

Dynamic utility based clustering for On-Demand Personalized Services MAGNET: NEGEV, 2006-2010, \$360,000.

Online Identity Management Using Multiple Attributes for Compound Behavior Patterns, MAFAT, 2007-2009, 320,000 NIS.

A Spectrum of Social Models in Theory and Robots, Israel Science Foundation (ISF) 2007-2010, (secondary PI).

Israeli Minister of Trade , MAGNETON, Cooperative training: "Man-Machine", 2009-2011, \$244,000.

Pearls of Wisdom, Distributed Data Sharing Mechanisms for Sensor Networks, 2009-2011, \$120,000.

Manipulation-Resistant Protocols for the Internet, Israeli Ministry of Science, 2010-2012, \$33,550.

Using Adaptation to Improve User Acceptance of Automated Systems, GM, 2010-2017, \$314,000.

Using Metacognition to Find Important Missing Social Network Data, MAAFAT 2010-2014 \$280,000.

Google Interuniversity center for Electronic Markets and Auctions, 2011-2013, \$30,000.

Providing optimal recommendations according to the utility functions of the user and the operator, Israeli Ministry of Trade, MAGNETON, 2011-2013, \$218,000.

Providing People with Arguments and Contextual Information during Argumentative Discussion, Intel Collaboration Research Institute for Computational Intelligence (ICRI-CI), 2013-2016, \$150,000.

Noninvasive structured prediction for predicting left ventricular filling pressure, Magnetron, 2014-2016, \$496,117.

Efficient management of a flock of robots in warehouses, Meymad, 2014-2015, \$130,000.

How to Change a Group's Collective Decision, ISF, 2014-2017, \$67,600.

LAW-TRAIN: Mixed-reality environment for training teams in joint investigative interrogation-Intelligent interrogation training simulator, Horizon 2020, 2015-2018, Coordinator; 10 partners, 5,095,688 Euro (BIU's budget is 1,181,250 Euro).

Resilient human-in-the-loop multiagent optimization, JAPAN-ISRAEL SCIENTIFIC RESEARCH COOPERATION, 800,000 NIS, 2017-2020.

The development of algorithms for the identification of online frauds using transfer learning, Magnetron, 1,266,300 NIS, 2016-2018.

Robots Learning from Observing Humans, Nofar, NIS550,000, 2018-2019.

Misinformation detection in healthcare domain, Slovak-Israeli Scientific Research Program, 200000 Euros, 2018-2020.

Destabilizing Terrorist Networks, Maafat, NIS200000.

Agents supporting large-scale environments of teams of people and computer systems, JP Morgan, \$150,000, 2019-2020.

EC-Rider, Wolsvagen Foundation, 25,430 Euros, 2019.

**Postdoctorate Advisor:**

1. Hagit Hel-Or, 1994.
2. Eitan Ephrati, 1995.
3. Shlomo Argamon, 1994-1997.
4. Claudia Goldman, 1999-2001.
5. Ahuva Mualem, 2005–2006.

6. Raz Lin, 2008-2010.
7. Zinovi Rabinovich, 2010-2011.
8. Noam Hazon, 2012-2013.

**Former Students:**

**PhD Students :**

1. Eldad De-Mendossa, A Relational Database based on Neural Networks (joint with Dr. Yosi Shifan), February 1996.
2. Onn Shehory, Multi-agent Cooperation, June 1997.
3. Ariel Felner, Improving known search techniques and using them in dynamic environments, September 2001.
4. Rina Schwartz, Protocols, Strategies and Learning Techniques for Reaching Agreements More effectively in Multi-Agent Systems, May 2002.
5. Merav Hadad, Combining Cooperative Planning and Temporal Reasoning in Dynamic Multi-agent Systems, May 2003.
6. Esther David, Agents for Multi-Attribute Auctions, March 2004.
7. Osher Yadgar, Efficient Algorithms in Large-Scale Agent Systems, December 2005.
8. Dudi Sarne, Negotiation and Coalition Formation in Costly Environments, January 2006 (Excellent).
9. Avi Rosenfeld, Dynamic Coordination Methods for Robotic Teams (joint with Gal Kaminka), June 2007.
10. Efrat Manisterski, Protocols and strategies for agents teamwork, June 2007.
11. Raz Lin, Automated Agents for Bilateral Negotiation with Bounded Rational Agents under Uncertainty, March 2008.
12. Roni Katz, Efficient automated negotiators using generic and demographic opponent modeling, June 2008.
13. Michal Chalamish, Automated agents for mediated negotiations and simulation, February 2009.
14. Ram Meshulam, Cooperative Agents in Partially Known Environments, March 2009.
15. Noa Agmon-Segal, Models and Algorithmic Approaches for Cooperative Multi-Robot Systems (with Gal Kaminka), June 2008 (Excellent).
16. Inon Zukerman, Agent Models for Enhanced Interaction in Cooperative and Competitive Environments (with Jeff Rosenschein), October 2009.
17. Shulamit Reches, Statistical Models Assisting in Decision Making, May 2010.
18. Noam Hazon, Social interaction under uncertainty in multi agent systems (joint with Yonatan Aumann), 2010.
19. Ariella Richardson, Online Classification of Multiple Attribute Time Series (with Gal Kaminka), November, 2011.
20. Ron Adany, Optimization in Dynamic Environments, January 2013.
21. Noam Peled, Modeling argumentation strategies in humans and computer agents (with Kobi Gal), February, 2014.

22. Tammar Machness, Analysis and Algorithms for Team Formation and Inner-Communication, June 2014.
23. Galit Haim, Human-Computer Agent Negotiation in Different Cultures, December 2014.
24. Amos Azaria, Automated Agents for Human Persuasion (with Yonatan Auman), March 2015 (Received IFAAMAS Victor Lesser Distinguished Dissertation Award).
25. Sigal Sina, Covering and Uncovering Hidden Information, May 2016.
26. Ariel Rosenfeld, Automated agents for advice provision - enhancing human capabilities and performance, 2017.

**Master Students :**

27. Avner Shoshany, Path-Based Inheritance Systems: An Implementation (joint with Prof. Martin Golumbic), October 1994.
28. Maier Fenster, Coordination between Autonomous Agents without Communication: Using Focal-Point Techniques, November 1994.
29. Amir Evenchik-Inference System for Argumentation in Negotiations between Automatic Agents, October 1995.
30. Galit Lemel, A Strategic Model for Negotiation among Autonomous Agents, December 1995.
31. Orna Schechter, Sharing Resources through Negotiation in Multi-Agent Environments, November 1996.
32. Ayelet Globerman, A modal active-logic with focus of attention for reasoning in time, January 1997.
33. Sigalit Sina, Tasks execution in an unknown environment (joint with Shlomo Engelson), May 1997.
34. Rina Schwartz, Negotiation Between Agents about File Allocation in Distributed Environment, June 1997.
35. Michal El-Ran, Models and Algorithms for Secure Knowledge Bases, June 1997.
36. Meirav Hadad, Cooperation Among Agents, June 1997.
37. Ariel Stollman, Negotiation Methods for Automatic Agents, June 1997.
38. Beatriz Krymolowski, A Distributed Information System for Parking Allocation (joint with Orly Kremien), September 1997.
39. Orna Aroch, Distributed Problem Solving in Multi-Agent Environment, November 1997.
40. Esther David, Cooperative Information Agents, March 1998.
41. Osher Yadgar, A physics-oriented approach for distribution of delivery tasks in large scale automated-agent systems, September 1998.
42. Revital Darshan-Vaknin, Environment Mapping by a Robot while Executing Tasks (joint with Shlomo Engelson), February 1999.
43. Haim Fayerstein, Strategies and methods of learning to improve performance in auctions, August 2000.
44. Aspir Freitsis, Negotiations in the pollution sharing problem, August 2000.
45. Penina Hoz-Weiss, Automated Negotiator for Fishing Dispute, August 2001.



46. Lea Tsaban, Automated intelligent content selection tools for electronic newspapers, December 2001.
47. Roni Stern, Real time Optimal path searches, (joint with Ariel Felner), January 2002.
48. Michal Halamish, Learning Users Interests for Providing Relevant Information, March 2002.
49. Raz Lin, Attaining Fast and Successful Search in E-Commerce Environments, June 2002.
50. Alex Pomeransky, The Manpower Collector Problem. (joint with Ariel Felner), October 2002.
51. Shimon Pomeransky, Finding Alternatives to Best Path (joint with Ariel Felner), October 2002.
52. Evyatar Sharabi, Distributed algorithms for large-scale agent systems, November 2002.
53. Gilad Taase, Coalition Formation in the RFP domain with incomplete information (joint with Onn Shehory), January 2004.
54. Ram Meshulam, Improving Memory-Based-Heuristics (joint with Ariel Felner), March 2004.
55. Yaron Shoshani, Multi-agent Physical A\* using Large Pheromones (joint with Ariel Felner), March 2004.
56. Daphna Shifer, The Value of Information in Negotiation (joint with Rina Azoulay-Schwartz), May 2004.
57. Ariela Richardson, Heuristic routing in communication networks (joint with Yuval Shavitt), June 2004.
58. Shavit Talman, Multi-personality agents in multi-agent environment, October 2004.
59. Roni Parshani, Using Learning to optimize agent movement in Dynamic Gossip Networks, October 2004.
60. Rotem Toister, Automated Mediation for Bilateral Negotiation in a Crisis Simulation, January 2005.
61. Moty Havlin, The influence of Social Dependencies on Decision-Making in Environments with Full Visibility, March 2005.
62. Aner Yarden, Reliable and Efficient Distribute Algorithms for Verification in Very Large Scale Systems, March 2005.
63. Saar Rosenberg, Improved Cooperative Negotiation in a Multi-Agent System for Real-Time Load Balancing of Mobile Cellular Network, January 2007.
64. Tammar Machnes, Utility Based Clustering, October 2007.
65. Ortal Bitton, Automated negotiators using generic learning model in multi-agents environments, December 2007.
66. Gilad Armon (with Gal Kaminka), Supporting Collaborative Activity, January 2008.
67. Victor Shafran (with Gal Kaminka), Multilateral Matchmaking and Hybrid Coverage in Multi Agent Systems, December 2008.
68. Igor Vainer, Obtaining Scalable and Accurate Classification in Large Scale Spatiotemporal Domains, November 2009 (with Gal Kaminka).
69. Yinon Oshrat, Using General Opponent Modeling to Improve Negotiation Outcomes (with Jeff Rosenschein), November 2009.

70. Shai Shlomai, In-Network Aggregation Along Routing For Detection and Tracking in Wireless Sensors Networks, November 2011.
71. Ron Eyal, Identifying Missing Node Information in Social Networks, October 2012.
72. Moshe Bitan, Modelling Human Strategic Decisions using Facial Expressions and History, November 2013.
73. Asaf Frieder, Effective Coordination in Mixed Agent-Human Teams, March 2014.
74. Efrat Sless, Multi-Robot Adversarial Patrolling: Detecting and Responding to Coordinated Attacks (with Noa Agmon), 2015.
75. Liat Sless, Forming Coalitions and Facilitating Relationships for Completing Tasks in Social Networks (with Noam Hazon), 2015.
76. Akiva Kleinerman, The Effect of Transparency in Reciprocal Recommender Systems, 2018 (with Ariel Rosenfeld).
77. Moshe Cohen, Extended study on human aspects in speeding up reinforcement learnin, 2018 (with Ariel Rosenfeld).
78. Tal Shmueli, Search Pathology in Multi-Player Game Trees, 2019 (with Inon Zuckerman).
79. Albert Harounian, Learning algorithms for understanding people's intentions in autonomous cars, 2019 (with Ariel Rosenfeld).
80. Idan Achituv, Interpretable Online Banking Fraud Detection based on Hierarchical Attention Mechanism, 2019 (with Jacob Goldberger).
81. Steven Lapp. Online Recommendation Policy for Optimizing Medical Image Reading, 2019 (with Ariel Rosenfeld).

**Current Students:**

**PhD Students :**

1. Maier Fenster, Automated Agents That Affect Human Decision Making Using Framing.
2. Moshe Bitan, Lifelike Performance of Virtual Humans.
3. Mor Sinay, Efficient Strategies for Spatio Temporal Tasks (with Noa Agmon).
4. Hanan Rosemarin, Optimizing Agent-Human Interaction.
5. Erez Hartuv, Multi-agent Scheduling Optimization in Dynamic Environments under Energy Constraints.
6. Yaniv Oshrat, Optimization of team work.
7. Elad Sarafian, Lifelong Learning: A Deep Reinforcement Learning Approach
8. Anat Hashavit, Detecting and Debunking Malicious Activity in Online Networks.

**Master Students :**

9. Naftali Waxman (with Noam Hazon).
10. Karin Sheri, Destabilizing Networks By Removing Vertices Which are Essential to Network Functioning.
11. Aviram Aviv
12. Guy Barash (with Onn Shehory)
13. Dolev Mutzari

### **Participation in Thesis committees: External to BIU :**

1. Praveen Paruchuri, Keep the adversary guessing: Agent security by policy randomizing, University of Southern California, April 2007.
2. Jean Oh, A Few Good Agents: Multi-Agent Social Learning, Carnegie Mellon University, May 2009.
3. Tsz-Chiu Au, Synthesis of Strategies from Interaction Traces for Noisy Multi-Agent Environments, University of Maryland, College Park, August 2008.
4. Yoram Bachrach, Computational Complexity of Egalitarian Mechanisms – Measuring Power and Inequality, Hebrew University, 2009.
5. Dmytro Tykhonov, Designing Generic and Efficient Negotiation Strategies, Delft University of Technology.
6. Michael Zuckerman, Algorithmic Game Theory and Computational Social Choice, Hebrew University, 2011.
7. Nils Bulling, Modelling and Verifying Abilities of Rational Agents, Clausthal University of Technology, Germany, 2010.
8. Maria Vanina Martinez, Contributions to Personalizable Knowledge Integration, University of Maryland, 2011.
9. James Pita, The Human Element: Addressing Human Adversaries in Security Games, University of Southern California, 2012.
10. Bastian Blankenburg, Coalition Formation among Rational Agents in Uncertain and Untrustworthy Environments, Saarland University, 2013.
11. Sam Barrett, Making Friends on the Fly: Advances in Ad Hoc Teamwork, University of Texas, Austin, 2014.
12. Stefano V. Albrecht, Utilizing Policy Types for Effective Ad Hoc Coordination in Multiagent Systems, University of Edinburgh, UK, 2015.
13. Harmen de Weerd, If You Know What I Mean: Agent-Based Models for Understanding The Function of Higher-Order Theory of Mind, University of Groningen, The Netherlands, 2015.
14. Chanhun Kang, Diffusion, Infection and Social network Databases, University of Maryland, College Park, 2015.
15. Anshul Sawant Computational Analysis of Intelligent Agents, Social and Strategic Settings, University of Maryland, College Park, 2015.
16. Tanvi Verma, Scalable Reinforcement Learning in Anonymous Multi-Agent Settings, School of Information Systems, Singapore Management University, 2018.

### **Scientific Activities :**

#### **Patents:**

1. US 6,449,632 B1, Apparatus and methods for Agent-Based Feedback collection in a Data Broadcasting Network  
Inventors: Esther David, Shlomo Kipnis, Sarit Kraus, David Richardson.
2. UK GB 2348530 B Collecting user feedback in a broadcasting System 2007  
Inventors: Esther David, Shlomo Kipnis, Sarit Kraus, David Richardson.
3. Voting by peers with limited resources

US 8038061 B2, 2011.

Inventors: Meir Kalech, Sarit Karus, Gal A. Kaminka, and Claudia V. Goldman-Shenhar.

4. A Method and a System for Matching between Network Nodes.

US 7808909 B2, 2010.

Inventors: Victor Shafran, Gal A. Kaminka, Sarit Kraus, and Claudia V. Goldman-Shenhar.

5. Data Sharing in a Group of Peers with Limited Resources; 2007

Inventors: Gilad Armon-Kest, Sarit Kraus, and Gal Kaminka.

US Patent application No. 11/882,294.

6. Searching in Peer-to-Peer Networks; Pending

US 20080195597 A1, 2008.

Inventors: Avi Rosenfeld, Gal Kaminka, and Sarit Kraus.

7. Optimizing a security patrolling strategy using decomposed optimal Bayesian Stackelberg solver

US 8224681 B2, 2012

Inventors: Milind Tambe, Praveen Paruchuri, Fernando Ordonez, Sarit Kraus, Jonathan Pearce and Janusz Marecki.

8. Agent security via approximate solvers

US 8364511 B2, 2013.

Inventors: Milind Tambe, Praveen Paruchuri, Fernando Ordonez, Sarit Kraus, Jonathan Pearce and Janusz Marecki. US Provisional Application No. 60/980,128.

9. Game theory model for patrolling an area that accounts for dynamic uncertainty

US Patent Application 14/216,449

Inventors: A. X. Jiang, Z. Yin, C. Zhang, M. Tambe, S. Kraus.

**Invited Lectures at Conferences and International Schools (selected):**

- Invited lecture at ECAI94, the 11th European Conference on Artificial Intelligence, Amsterdam, on “Interaction and Collaboration in Multi-agent Systems”.
- Invited lecture at SCAI’97 Helsinki, on Strategic Negotiation and Cooperation Among Autonomous Agents.
- A lecturer at the 1998 GULP summer school on Logic Programming in Italy on “intelligent agents”.
- Invited lecture at ATAL-99, Orlando, Florida, July 15-17, 1999 on “Agents for Information Broadcasting”.
- A lecturer at the First European Agent Systems Summer School (EASSS’99), The Netherlands, July 26-30, 1999, on “Automated negotiations”.
- Invited lecturer at the Second European Agent Systems Summer School (EASSS’00), Germany, August, 2000 on “Multiagent coordination and cooperation: challenges and techniques”.

- A lecturer at the Summer School Advanced Course on Artificial Intelligence ACAI-01, Prague, Czech Republic, July, 2-13, 2001.
- Invited talk at the AAI Fall Symposium, Negotiation Methods for Autonomous Cooperative Systems, November 2001 on “Real-Time Negotiations”.
- Invited talk at UKMAS 2001, Oxford, December 2001.
- Invited talk at the Seventh International Symposium on Artificial Intelligence and Mathematics, Florida, January 2001 on Real-time cooperation: Adversarial domains vs. cooperative domains.
- Invited talk at the Symposium on Logic in Games and Multiagent Systems, University of Liverpool, UK, December, 2002.
- UCS distinguished lectures series, 2005.
- Invited talk at AAMAS 2007.
- Invited talk at MBC2008, September 2008.
- Invited talk at AMEC, May 2010.
- Invited talk at PROMAS, May 2010.
- Invited lecturer at the IFAAMAS South Eastern European Summer School on Multi-Agent Systems, Bucharest, July 2010.
- Invited talk at the 2010 Applied Human Factors and Ergonomics Conference, Florida, July 2010.
- Invited tutorial at ECAI 2010, Portugal, August 2010.
- Invited talk at EUMAS 2010, Paris, France, December 2010.
- Keynote talk at the Social Computing, Behavioral-culture Modeling conference, (SBP), Maryland USA, March 2011.
- Invited talk at the ACAN 2011, AAMAS, Taipei, May 2011.
- Invited talk at BISFAI, Ramat-Gan, June 2011.
- Invited talk at the AAI Spring Symposium on Game Theory for Security, Sustainability and Health 2012.
- Invited talk at 2020 Vision: Israel's Perils and Prospects, BESA Center, 2013.
- IDC Interdisciplinary Innovation Forum inspired by TED, 2013.
- Invited talk at Dagstuhl seminar 2014.
- Keynote talk at Eleventh International Workshop on Argumentation in Multi-Agent Systems (ArgMAS 2014).
- Keynote talk at Towards Better and more Affordable Healthcare: Incentives, Game Theory, and Artificial Intelligence workshop, 2014.
- Invited tutorial at the 2014 Software Summit: 2014 IEEE CS International Conference on Software Science, Technology, and Engineering (SwSTE'2014) on Intelligent Systems for Homeland Security, 2014.
- Keynote speaker at the 2014 Conference on Technologies and Applications of Artificial Intelligence, Taipei.
- Invited talk at Multiagent Interaction without Prior Coordination (MIPC) Workshop, AAI, Texas 2015.

- Keynote speaker at the Chais Conference on Innovation in Learning Technologies, Israel, 2015.
- Keynote speaker at ACM IKDD CODS, Bangalore, 2015.
- Keynote speaker at TARK 2015, CMU USA.
- Keynote Speaker WI-IAT, Singapoure 2015.
- Invited talk at the Artificial Intelligence: Implications and Solutions conference, Yuval Neeman's workshop on Science, Technology and Security, 2016.
- Invited pannelist: Deutsche Telekom 24H event, 2016.
- Keynote speaker at AVIOS- HIT 2017.
- Invited speaker Israel Machine Vision Conference (IMVC), 2017.
- Invited speaker Multiyeda 2017.
- Strachey lecture, Oxford, 2017.
- Huawei Reliability Technology & Engineering Conference in Shenzhen China, 2018.
- Keynote speaker, Human-Agent-Interaction, Southapton, UK, 2018.
- Keynote speaker, Jerusalem PPE Convention, 2018.
- Invited speaker, 2019 AAAS Annual Meeting in Washington.

**Board of Directors:** Board of directors of the International Foundation for Multi-agent Systems (IFAAMAS), 2000-2012 and 2014-present.

**Editor:** Associate editor of *Annals of Mathematics and Artificial Intelligence*, 2002- present; Associate editor of the Journal of Artificial Intelligence Research, 2015- present; Associate editor of *Artificial Intelligence*, 2004-2008.

**Editorial Board :**

- Guest Editor of special issues of *Annals of Mathematics and Artificial Intelligence*, volumes 15(1) 1995, 20(1-4) 1997 and 25(1-2), 1999.
- Editorial board member of the *Annals of Mathematics and Artificial Intelligence*, 1994-present.
- Editorial board member of the *Journal of Artificial Intelligence Research*, 1997-2000.
- Editorial board member of *Journal of Autonomous Agents and Multi-Agent Systems*, 1998-present.
- Editorial board member of *AI Communications*, 1997-2004.
- Editorial board member of the *Artificial Intelligence Journal*, 2000-2008.
- Editorial board member of *Web Semantics: Science, Services and Agents on the World Wide Web*, 2002-2005.
- Advisory board member of the Studies in Logic and Practical Reasoning series.
- Editorial board member of ACM Transactions on Intelligent Systems and Technology, 2010-2013.
- The Journal of Philosophical Logic (JPL), 2010–present.

### **Organization of Conferences (selected):**

- Program chair of the Third Bar-Ilan Symposium on the Foundations of Artificial Intelligence, June 1993.
- Symposium chair of the Fifth Bar-Ilan Symposium on the Foundations of Artificial Intelligence, June 1997.
- Member of the advisory committee of IJCAI-97, Nagoy Japan, August 1997.
- **Program co-chair of the Fourth International Conference on Multi-Agent Systems (ICMAS'2000), July 2000, Boston, MA, USA.**
- Symposium chair of the Seventh Bar-Ilan Symposium on the Foundations of Artificial Intelligence, June 2001.
- Member of the advisory committee of IJCAI-05, Edinburgh, July 2005.
- **General Co-chair, AAMAS 2005, The Netherlands.**
- Symposium chair of the Ninth Bar-Ilan Symposium on the Foundations of Artificial Intelligence, June 2007.
- Symposium chair of the Tenth Bar-Ilan Symposium on the Foundations of Artificial Intelligence, June 2009.
- Program co-chair of HuCom10 - Second International Working Conference on Human Factors and Computational Models in Negotiation, the Netherlands (2010).
- Special track co-chair for Virtual Agents track of AAMAS 2014, France.
- Program co-chair IEEE SWSTE 2014.
- Senior member track co-chair of AAI 2016.
- **Program Chair of IJCAI 2019.**

### **National Services:**

International Quality Assurance Committee for Computer Science, Israeli Council of Higher Education, 2013–2014.

#### **Program Committees member (selected):**

10th Israeli Symposium on Artificial Intelligence and Computer Vision, December 1993.

KR-94, Bonn, Germany.

ECAI Workshop on Agent Theories, Architectures, and Languages, August 1994, Amsterdam, The Netherlands.

ICMAS-95, June 1995, California, USA.

BISFAI-95, June 20-22, 1995 Ramat-Gan and Jerusalem, Israel.

IJCAI-95, August 20-25, Montreal, 1995.

IJCAI-95 workshop on Agent Theories, Architectures, and Languages Montreal, August 1995.

AAAI-96, August 4-8, Oregon, 1996.

ECAI-96, August 12-16 Hungary, 1996.

KR-96, November 1996, USA.

ECAI Workshop on Agent Theories, Architectures, and Languages, August, Hungary 1996.

ICMAS-96, December 1996, Japan.  
CIA-97, Kiel, Germany, February, 1997.  
AAAI97, Rhode Island, July 27-31, 1997.  
ATAL-97, Rhode Island, July 24-26, 1997.  
ICMAS-98, Paris, France, July 2-8, 1998.  
ATAL-98, Paris, France, July 2-8, 1998.  
AAAI-98, Madison, Wisconsin, July 26-30, 1998 .  
AMET-98, Agents'99, Seattle, WA, US, May 1-5, 1999.  
IJCAI-99, Sweden, August 1999.  
BISFAI-99, Ramat-Gan, June 1999.  
ATAL-99, Orlando, Florida, July 15-17, 1999.  
AAAI-99 workshop on Negotiation, July 18, 1999.  
AMEC-2000, Barcelona, Spain, June 2000.  
CIA-2000, Boston, USA, July 2000.  
ATAL-2000, Boston, USA, July 2000.  
ECAI-2000, Berlin, Germany, August 2000.  
GTDT 2000, the second Workshop on Game Theoretic and Decision Theoretic Agents Boston, USA, July 2000.  
GTDT-2001, Spring Symposium at Stanford, March 2001.  
Agents-2001, Montreal, Canada, May 2001.  
ATAL-2001, Seattle, WA, USA, August 2001.  
CIA-2001, Modena, Italy, September 2001.  
AAMAS-2002, Italy, July 2002.  
ECAI-2002, France, July 2002.  
CIA-2002, Italy, September 2001.  
RoboCup 2002, Turkey, June 2002.  
GTDT 2002, Edmonton, Canada, July 2002.  
IJCAI-2003, Mexico, August 2003.  
AAMAS-2003, Melbourne, July 2003.  
CIA-2003, Helsinki, August 2003.  
ICEC 2003, Pittsburgh, PA, USA, October 2003.  
GTDT 2003  
First IEEE Symposium on Multi-Agent Security and Survivability, Philadelphia, USA, 2004.  
Second IEEE Symposium on Multi-Agent Security and Survivability, Philadelphia, USA, 2005.  
CIA 2006 University of Edinburgh, UK, 2006.  
ECAI 2006, Italy, 2006.  
AAMAS 2006, Japan, 2006.



AAMAS 2007, USA, 2007.  
AAAI 2007, Vancouver, British Columbia, Canada.  
ACM Conference on Electronic Commerce, San Diego, USA, 2007.  
First International Conference on Computational Cultural Dynamics, USA, 2007.  
CIA-2007, The Netherlands, 2007.  
AAMAS 2008, Portugal, 2008.  
AAAI 2008, Chicago, USA, 2008.  
AAMAS Hungary, 2009.  
IJCAI, USA, 2009.  
ECAI Portugal, 2010.  
AAMAS, Taipei, 2011.  
IJCAI, Barcelona, 2011.  
AAAI, San Francisco, 2011.  
AAMAS, Spain, 2012.  
ECAI, France, 2012.  
AAAI, Toronto, 2012.  
AAAI, Washington, 2013.  
AAMAS, Minnesota, 2013.  
KR, Austria, 2014.  
AAMAS, Paris, 2014.  
AAAI, Texas, 2015.  
ACM-EC, Portland, 2015.  
IJCAI, Argentina, 2015.  
Coordination, France, 2015,  
AAMAS, Singapore, 2016.  
IJCAI, NY, 2016.  
IJCAI, Sweden, 2018.  
AAAI, USA, 2019.

### **SARIT KRAUS: Publications**

(Prof.)

#### **Books :**

1. V.S. Subrahmanian, P. Bonatti, J. Dix, T. Eiter, S. Kraus, F. Ozcan and R. Ross. Heterogeneous Agent Systems: Theory and Implementation, MIT Press, Cambridge, USA, June, 2000.
2. S. Kraus. Strategic Negotiation in Multi-Agent Environments, MIT Press, Cambridge, USA, September, 2001.

3. F. Dignum, V. Dignum, S. Koenig, S. Kraus, M. P. Singh and M. Wooldridge (editors). 4th International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS 2005), July 25-29, 2005, Utrecht, The Netherlands ACM 2005.
4. P. Paruchuri, J. P. Pearce, J. Marecki, M. Tambe, F. Ordonez and S. Kraus. Keep the Adversary Guessing: Agent Security by Policy Randomization, VDM Verlag, USA June, 2008.
5. S. Fatima S. Kraus and M. Wooldridge. Principles of Automated Negotiation, Cambridge University Press, 2014.
6. A. Rosenfeld and S. Kraus. Predicting Human Decision-Making, Morgan & Claypool Publishers, January, 2018.

#### **Journal Articles:**

7. S. Kraus and D. Lehmann. Knowledge, Belief and Time, *Theoretical Computer Science*, 58:155-174, 1988.
8. S. Kraus, D. Lehmann and M. Magidor. Nonmonotonic Reasoning, Preferential Models and Cumulative Logics, *Artificial Intelligence Journal*, 44:167-207, 1990.
9. D. Etherington, S. Kraus and D. Perlis. Limited Scope and Circumscriptive Reasoning, *International Journal of Expert Systems*, special issue on the Frame problem, 3(3): 207-217,1990. (Also appeared in K. M. Ford and P. Hayes, editors, *The Frame Problem in Artificial Intelligence*, Advances in Human and Machine Cognition. JAI Press, Greenwich, Connecticut, 1992.)
10. C. Baral, S. Kraus and J. Minker. Combining Multiple Knowledge Bases, *IEEE Transactions on Knowledge and Data Engineering* 3(2): 208-220, June 1991.
11. B. Thomas, A. Schwartz and Y. Shoham and S. Kraus. Preliminary Thoughts on an Agent Description Language, *International Journal of Intelligent Systems*, special volume of Temporal Issues in AI, 6(5): 497-508, August 1991.
12. S. Kraus, E. Ephrati and D. Lehmann. Negotiation in a Non-cooperative Environment, *Journal of Experimental and Theoretical Artificial Intelligence journal*, 3(4):255-282, 1991.
13. E. Etherington, S. Kraus and D. Perlis. Nonmonotonicity and the Scope of Reasoning, *Artificial Intelligence Journal*, 52(3): 221-262, December 1991.
14. S. Kraus, D. Perlis and J. Horty. Reasoning about Ignorance: A Note on the Bush-Gorbachev Problem, *Fundamenta Informaticae Journal*, special issue on Logic for A.I.,15(3,4):325-332, December 1991 (invited paper).
15. S. Kraus, J. Wilkenfeld, M. Harris and E. Blake. The Hostage Crisis Simulation, *Simulation and Gaming*, 23(4):398-416, December 1992.
16. C. Baral, S. Kraus, J. Minker and V.S. Subrahmanian. Combining Knowledge Bases Consisting of First Order Theories. *Computational Intelligence* 8(1):45-71, March 1992.
17. S. Kraus and J. Wilkenfeld. A Strategic Negotiations Model with Applications to an International Crisis. *IEEE Transactions on Systems, Man, and Cybernetics*, 23(1):313-323 1993.
18. C. Baral, S. Kraus, J. Minker and V.S. Subrahmanian. Combining Default Theories, *International Journal on Intelligent Cooperative Information Systems (IJICIS)*, 3(3):319-348, 1994.
19. S. Kraus and D. Lehmann. Designing and Building a Negotiating Automated Agent, *Computational Intelligence*, 11(1):132-171, 1995.
20. P. Bonatti, S. Kraus and V.S. Subrahmanian. Foundations of Secure Deductive Databases, *IEEE Transactions on Knowledge and Data Engineering*, 7(3):406-422, 1995.
21. S. Kraus and V.S. Subrahmanian. Multiagent Reasoning with Probability, Time and Beliefs, *International Journal of Intelligent Systems*, 10(5):459-499, 1995.

22. J. Wilkenfeld, S. Kraus, K. Holley and M. Harris. GENIE: A Decision Support System for Crisis Negotiations, *International Journal on Decision Support Systems*, 14:369-391, 1995.
23. M. Nirkhe and S. Kraus. Formal Real-time Imagination, *Fundamenta Informaticae*, special issue on Context: theory and practice, 23(2,3,4):371-390, 1995.
24. S. Kraus, J. Wilkenfeld and G. Zlotkin. Multiagent Negotiation Under Time Constraints, *Artificial Intelligence Journal*, 75(2):297-345, 1995.
25. S. Kraus. An Overview of Incentive Contracting. *Artificial Intelligence journal*, 83(2):297-346, 1996.
26. B. Grosz and S. Kraus. Collaborative Plans for Complex Group Action. *Artificial Intelligence Journal*, 86(2):269-357, 1996.
27. T. Plotkin, B. Plotkin and S. Kraus. Algebraic Logic in Database State Description, *Fundamental and Applied Mathematics*, 3:875-910, 1996.
28. M. Nirkhe, S. Kraus, D. Perlis and M. Miller. How to (plan to) meet a deadline between Now and Then. *Journal of Logic and Computation*, 7(1):109-156, January 1997.
29. S. Kraus. Beliefs, Time and Incomplete Information in Multiple Encounter Negotiations Among Autonomous Agents. *Annals of Mathematics and Artificial Intelligence*, 20(1-4):111-159, 1997.
30. S. Kraus. Negotiation and Cooperation in Multi-Agent Environments, *Artificial Intelligence Journal*, Special Issue on Economic Principles of Multi-Agent Systems. 94(1-2):79-98, 1997.
31. J. Wilkenfeld, S. Kraus and K. M. Holley. The Negotiation Training Model, *Simulation and Gaming*, 29(1):31-51, March 1998.
32. T. Plotkin, B. Plotkin and S. Kraus. Problem of Equivalence, Categoricity of Axioms and States Description in Databases, *Studia Logica*, 61:347-366, 1998.
33. S. Argamon-Engelson, S. Kraus and S. Sina. Utility-Based On-Line Exploration for Repeated Navigation in an Embedded Graph, *Artificial Intelligence Journal*, 101(1-2):267-284, May 1998.
34. T. E. Santmire, J. Wilkenfeld, S. Kraus, K. M. Holley, T. E. Santmire and K. S. Gleditsch. The Impact of Cognitive Diversity on Crisis Negotiations, *Political Psychology*, 19(4):721-748, 1998.
35. O. Shehory and S. Kraus. Methods for Task Allocation via Agent Coalition Formation. *Artificial Intelligence Journal*, 101(1-2):165-200, 1998.
36. S. Kraus, K. Sycara and A. Evenchik. Reaching agreements through argumentation: a logical model and implementation, *Artificial Intelligence Journal*, 104(1-2):1-69, 1998.
37. M. Morreau and S. Kraus. Syntactical Treatments of Propositional Attitudes, *Artificial Intelligence Journal*, 106: 161-177, 1998.
38. O. Shehory and S. Kraus. Feasible Formation of Stable Coalitions among Autonomous Agents in Non-super-additive Environments, *Computational Intelligence*, 15(3):218-251, 1999.
39. O. Shehory, S. Kraus and O. Yadgar. Emergent cooperative goal-satisfaction in large scale automated-agent systems, *Artificial Intelligence Journal*, 110(1):1-55, 1999.
40. K. Arisha, S. Kraus, F. Ozcan, R. Ross and V.S. Subrahmanian. IMPACT: Interactive Maryland Platform for Agents Collaborating Together, *IEEE Intelligent Systems*, 14(2):64-72, 1999.
41. B. J. Grosz, L. Hunsberger and S. Kraus. Planning and Acting Together, *AI Magazine*, 20(4):23-34, 1999.
42. S. Argamon-Engelson, S. Kraus and S. Sina. Interleaved vs. Exploration for Repeated Navigation in a Partially-Known Graph, *International Journal of Pattern Recognition and Artificial Intelligence Journal*, 13(7):963-986, 1999.
43. E. De-Medonsa, S. Kraus and Y. Shifan. A Self Processing Network Model for Relational Databases, *IEEE Transactions on Systems, Man and Cybernetics*, 29(4):198-225, April 1999.

44. S. Kraus and T. Plotkin. Algorithms of distributed task allocation for cooperative agents. *Theoretical Computer Science*, 242(1-2):1-27, June 2000.
45. R. Azoulay-Schwartz and S. Kraus. Negotiation On Data Allocation in Multi-Agent Environments, *Autonomous Agents and Multi-Agent Systems Journal*, 5(2):123-172, 2002.
46. S. Kraus, J. S. Rosenschein and M. Fenster. Exploiting Focal Points Among Alternative Solutions: Two Approaches, *Annals of Mathematics and Artificial Intelligence*, 28(1-4):187-258, 2000.
47. J. Grant, S. Kraus and D. Perlis. A logic for characterizing multiple bounded agents. *Autonomous Agents and Multi-Agent Systems Journal*, 3(4):351-387, 2000.
48. R. Ben-Yashar, S. Khuller and S. Kraus. Optimal Collective Dichotomous Choice Under Partial Order Constraints, *Mathematical Social Sciences*, 41:349–364, 2001.
49. J. Dix, S. Kraus and V.S. Subrahmanian. Temporal Agent Programs, *Artificial Intelligence Journal*, 127(1):87-135, 2001.
50. R. Ben-Yashar and S. Kraus. Optimal Collective Dichotomous Choice Under Quota Constraints, *Economic Theory*, 19(2):839-852, 2002.
51. B. J. Grosz, S. Kraus, D. G. Sullivan and S. Das. The influence of social norms and social consciousness on intention reconciliation. *Artificial Intelligence Journal*, 142(2):147-177, 2002.
52. A. Felner, R. Korf and S. Kraus. KBFS: K-Best First Search, *Annals of Mathematics and Artificial Intelligence Journal*, 39:19-39, September 2003.
53. S. Kraus and O. Schechter. Strategic-negotiation for Sharing a Resource between Two Agents, *Computational Intelligence*, 19(1):9-41, 2003. P. Bonatti, S. Kraus and V.S. Subrahmanian. Secure Agents, *Annals of Mathematics and Artificial Intelligence Journal*, 37(1-2):169-235, 2003.
54. M. Hadad, S. Kraus, Y. Gal and R. Lin. Time Reasoning for a Collaborative Planning Agent in a Dynamic Environment *Annals of Mathematics and Artificial Intelligence*, 37(4):331-380, 2003.
55. R. Azoulay-Schwartz, S. Kraus and J. Wilkenfeld. Exploitation vs. Exploration: Choosing a Supplier in an Environment of Incomplete Information, *International Journal on Decision Support Systems and Electronic Commerce*, 38(1):1-18, 2004.
56. C. Goldman and S. Kraus. The Value of Temptation, *Electronic Commerce Research* (4): 415-454, 2004.
57. C. Goldman, S. Kraus and O. Shehory. On experimental equilibria strategies for selecting sellers and satisfying buyers. *International Journal on Decision Support Systems and Electronic Commerce* 38(3):329-346, 2004.
58. R. Azoulay-Schwartz and S. Kraus. Stable Strategies for Collaborative Behavior of Agents in Answering Queries. *Artificial Intelligence Journal* 154(1-2):43-93, 2004.
59. R. Lin, S. Kraus and J. Tew. OSGS - A Personalized Online Store for E-commerce Environments. *Information Retrieval Journal*, Vol. 7, Issues 3-4, pp. 369-394, 2004.
60. A. Felner, R. Stern, A. Ben-Yair, S. Kraus and N. Netanyahu. PHA\*: Finding the Shortest Path with A\* in an Unknown Physical Environment. *Journal of Artificial Intelligence Research (JAIR)* 21:631-670, 2004.
61. J. Grant, S. Kraus and D. Perlis. A Logic-Based Model of Intention Formation and Action for Multi-Agent Subcontracting. *Artificial Intelligence Journal*, 163(2):163-201, 2005.
62. E. David, R. Azoulay-Schwartz and S. Kraus. Bidding in Sealed-bid and English Multi-Attribute auctions. *Decision Support Systems*, 42(2):527-556, November 2006.
63. J. Dix, S. Kraus and V.S. Subrahmanian. Heterogeneous Temporal Probabilistic Agents, *ACM Transactions on Computational Logic*, 7(1): 151-198, 2006.
64. E. David, A. Rogers, N. R. Jennings, J. Schiff, S. Kraus and M. H. Rothkopf. Optimal design of English auctions with discrete bid levels, *ACM Trans on Internet Technology*, 7(2), 2007.

65. S. Kraus, P. Hoz-Weiss, J. Wilkenfeld, D. R. Andersen and A. Pate. Resolving crises through automated bilateral negotiations. *Artificial Intelligence Journal*, 172(1):1-18, 2008.
66. R. Katz, Y. Amichai-Hamburger, E. Manisterski and S. Kraus. Different Orientations of Males and Females in Computer-Mediated Negotiation. *Computers in Human Behavior Journal*, 24(2):516-534, 2008.
67. A. Rosenfeld, G. Kaminka, S. Kraus and O. Shehory. A Study of Mechanisms for Improving Robotic Group Performance. *Artificial Intelligence Journal*, 172(6-7):633-655, 2008.
68. D. Sarne and S. Kraus. Managing Parallel Inquiries in Agents' Two-Sided Search. *Artificial Intelligence Journal*, 172(4-5):541-569, 2008.
69. S. Kraus, R. Parshani and Y. Shavitt. A Study on Gossiping in Transportation Networks. *IEEE Transactions on Vehicular Technology*, 57(4):2602-2607, 2008.
70. R. Lin, S. Kraus, J. Wilkenfeld and J. Barry. Negotiating with Bounded Rational Agents in Environments with Incomplete Information Using an Automated Agent. *Artificial Intelligence Journal*, 172(6-7):823-851, 2008.
71. E. Manisterski, D. Sarne and S. Kraus. Enhancing Cooperative Search with Concurrent Interactions. *JAIR Volume 32*, pages 1-36, 2008.
72. S. Kraus, R. Lin and Y. Shavitt. On Self-Interested Agents in Vehicular Networks with Car-to-Car Gossiping. *IEEE Transactions on Vehicular Technology*, 57(6):3319 - 3332, 2008.
73. A. Rosenfeld, C. V. Goldman, G. A. Kaminka and S. Kraus. PHIRST: A Distributed Architecture for P2P Database Information Retrieval. *Information Systems*, 34:290-303, 2009.
74. A. Rosenfeld, S. Kraus and C. L. Ortiz, Jr. Measuring the Expected Gain of Communicating Constraint Information. *Multiagent and Grid Systems – An International Journal*, 5(4):427-449, December 2009.
75. Y. Zhang, E. Manisterski, S. Kraus, V.S. Subrahmanian and D. Peleg. Computing the Fault Tolerant Capability of Multiagent Deployment. *Artificial Intelligence Journal*, 173(3-4):437-465, 2009.
76. J. Pita, M. Jain, F. Ordonez, C. Portway, M. Tambe, C. Western, P. Paruchuri and S. Kraus. Using Game Theory for Los Angeles Airport Security Games. *AI Magazine* 30(1):43-57, 2009.
77. P. Paruchuri, J. P. Pearce, J. Marecki, M. Tambe, F. Ordonez and S. Kraus. Coordinating Randomized Policies for Increasing Security of Agent Systems. *Information Technology and Management*, 10(1) pp 67-79, 2009.
78. D. Sarne, E. Manisterski and S. Kraus. Multi-Goal Economic Search using Dynamic Search Structures. *Autonomous Agents and Multi-Agent Systems Journal*, 21(2):204-236, 2010.
79. R. Lin and S. Kraus. Can Automated Agents Proficiently Negotiate With Humans? *Communications of the ACM*, Vol. 53 No. 1, Pages 78-88, January 2010.
80. P. E. Dunne, S. Kraus, E. Manisterski and M. Wooldridge. Solving coalitional resource games. *Artificial Intelligence Journal*, Volume 174, Issue 1, Pages 20-50, January 2010.
81. J. Grant, S. Kraus, D. Perlis and M. Wooldridge. Postulates for Revising BDI Structures, *Synthese*, 175:39-62, 2010.
82. M. Kalech, S. Kraus, G. A. Kaminka and C. V. Goldman. Practical Voting Rules with Partial Information. *Journal of Autonomous Agents and Multi-Agent System*, 2010 (accepted).
83. J. Pita, M. Jain, F. Ordonez, M. Tambe and S. Kraus. Robust Solutions to Stackelberg Games: Addressing Bounded Rationality and Limited Observations in Human Preference Models. *Artificial Intelligence Journal*, 174(15):1142 - 1171, 2010.
84. Y. Gal, B. Grosz, S. Kraus, A. Pfeffer and S. Shieber. A framework for Investigating Decision-Making in Open Mixed Networks. *Artificial Intelligence Journal*, 174(18):1460-1480, December 2010.
85. I. Zuckerman, S. Kraus and J. S. Rosenschein. Using Focal Points Learning to Improve Human-Machine Tactic Coordination. *Journal of Autonomous Agents and Multi-Agent System*, 22(2), 289-316, 2011.

86. I. Vainer, G. Kaminka, S. Kraus and H. Slovin. Obtaining scalable and accurate classification in large-scale spatio-temporal domains, *Knowledge Information Systems*, 29(3): 527-564, 2011.
87. R. Lin, Y. Gev and S. Kraus. Bridging the Gap: Face-to-Face Negotiations with Automated Mediator, *IEEE Intelligent Systems*, 26(6): 40-47, 2011.
88. N. Agmon, G. A. Kaminka and S. Kraus. Multi-Robot Adversarial Patrolling: Facing a Full-Knowledge Opponent. *Journal of Artificial Intelligence Research (JAIR)*, 42:887-916, 2011.
89. Y. Gal, S. Kraus, M. Gelfand, H. Khashan and E. Salmon. Negotiating with People across Cultures using an Adaptive Agent, *ACM Transactions on Intelligent Systems and Technology*, 3(1), 2012.
90. M. Chalamish and S. Kraus. AutoMed - An Automated Mediator for Multi-Issue Bilateral Negotiations. *Journal of Autonomous Agents and Multi-Agent System*, 24(3):536-564, 2012.
91. A. Rosenfeld and S. Kraus. Modeling Agents Based on Aspiration Adaptation Theory. *Journal of Autonomous Agents and Multi-Agent Systems (JAAMAS)*, 24:221–254, 2012.
92. N. Hazon, Y. Aumann, S. Kraus and M. Wooldridge. On the Evaluation of Election Outcomes under Uncertainty, *Artificial Intelligence Journal*, 189:1-18, September 2012.
93. A. Rosenfeld, Z. Bareket, C. V. Goldman, S. Kraus, D. J. LeBlanc and O. Tsimhoni. Towards Adapting Cars to their Drivers, *AI Magazine*, 33(4) :46-58, 2012.
94. A. Rosenfeld, I. Zuckerman, A. Azaria and S. Kraus. Combining Psychological Models with Machine Learning to Better Predict People's Decisions, *Synthese*, 189:81-93, 2012.
95. R. Adany, D. Aurbach and S. Kraus. Switching Algorithms for Extending Battery Life in Electric Vehicles. *Journal of Power Sources*, 231:50-59, 2013.
96. R. Adany, S. Kraus and F. Ordonez. Allocation algorithms for personal TV advertisements, *Multimedia Systems*, 19(2):79-93, March 2013.
97. T. Baarslag, K. Fujita, E.H. Gerding, K. Hindriks, T. Ito, N.R. Jennings, C. Jonker, S. Kraus, R. Lin, V. Robu and C.R. Williams. Evaluating Practical Negotiating Agents: Results and Analysis of the 2011 International Competition. *Artificial Intelligence Journal* 198: 73-103, 2013.
98. M. Wooldridge, U. Endriss, S. Kraus, Sarit and J. Lang. Incentive engineering for Boolean games, *Artificial Intelligence Journal*, 195:418-439, 2013.
99. N. Hazon, Y. Aumann, S. Kraus, D. Sarne. Physical search problems with probabilistic knowledge, *Artificial Intelligence Journal*, Volume 196: 26-52, March 2013.
100. S. Reches, Y. Gal and S. Kraus. Efficiently Gathering Information in Costly Domains, *Decision Support Systems*, 55, 326–335, 2013.
101. M. Hadad, S. Kraus, I. Ben-Arroyo Hartman and A. Rosenfeld. Group planning with time constraints *Annals of Mathematics and Artificial Intelligence*, 69(3): 243-291, November 2013.
102. E.D. Salmon, M.J. Gelfand, A.B. Çelik, S. Kraus, J. Wilkenfeld, and M. Inman. Cultural contingencies of mediation: Effectiveness of mediator styles in intercultural disputes. *Journal of Organizational Behavior*, 34(6), 887-909. doi: 10.1002/job.1870, 2013.
103. P. Stone, N. Agmon, G. Kaminka, S. Kraus and J. Rosenchein. Teaching and Leading an Ad Hoc Teammate: Collaboration without Pre-Coordination, *Artificial Intelligence journal*, 203: 35-65, 2013.
104. R. Lin, S. Kraus, T. Baarslag, D. Tykhonov, K. Hindriks and C. M. Jonker. Genius: An Integrated Environment for Supporting the Design of Generic Automated Negotiators, *Computational Intelligence Journal*, 30(1):48-70, 2014.
105. J. Grant, S. Kraus, M. Wooldridge and I. Zuckerman. Stabilizing Boolean Games, *Studia Logica Journal* 102(2):267-295, 2014.
106. R. Azoulay, R. Katz and S. Kraus. Efficient Bidding Strategies for Cliff-Edge Problems, *Journal of Autonomous Agents and Multi-Agent Systems (JAAMAS)*, 28:290–336, 2014.

107. R. Lin, Y. Gal, S. Kraus and Y. Mazliah. Training with Automated Agents Improves People's Behavior in Negotiation and Coordination Tasks, *Decision Support Systems*, 60:1-9, 2014.
108. R. Eyal, A. Rosenfeld, S. Sina and S. Kraus. Predicting and Identifying Missing Node Information in Social Networks, *Acm Transactions on Knowledge Discovery from Data*, 8(3), June 2014.
109. A. Azaria, Y. Aumann and S. Kraus. Automated Agents for Reward Determination for Human Work in Crowdsourcing Applications, *Journal of Autonomous Agents and Multi-Agent System* 28(6): 934-955, 2014.
110. F. M. Delle Fave, A. X. Jiang, Z. Yin, C. Zhang, M. Tambe, S. Kraus and J.P. Sullivan. Game-theoretic Security Patrolling with Dynamic Execution Uncertainty and a Case Study on a Real Transit System, *Journal of Artificial Intelligence Research*, 50:321-368, 2014.
111. A. Azaria, A. Richardson, S. Kraus, and V. S. Subrahmanian. Behavioral Analysis of Insider Threat: A Survey and Bootstrapped Prediction in Imbalanced Data. *IEEE Transactions on Computational Social Systems*, 1(2), June 2014.
112. A. Richardson, S. Kraus, G. Kaminka. REEF: Resolving Length Bias in Frequent Sequence Mining Using Sampling, *International Journal On Advances in Intelligent Systems*, 7(1 and 2):208-222, 2014. A. Azaria, Z. Rabinovich, S. Kraus S and C.V. Goldman. Strategic Information Disclosure to People with Multiple Alternatives, *ACM Transactions on Intelligent Systems and Technology (TIST) ACM Journal*, 5(4):64, 2015.
113. N. Peled, Y. Gal and S. Kraus. A Study of Computational and Human Strategies in Revelation Games, *Journal of Autonomous Agents and Multi-Agent Systems*, 29(1):73-97, 2015.
114. A. Azaria, A. Rosenfeld, S. Kraus, C. V. Goldman and O. Tsimhoni. Advice Provision for Energy Saving in Automobile Climate Control Systems, *AI-Magazine* 36(3): 61-72, 2015.
115. S. Sina, A. Rosenfeld, and S. Kraus. SAMI: An Algorithm for Solving the Missing Node Problem using Structure and Attribute Information, *Social Network, Analysis and mining journal* 5(1), 2015.
116. A. Azaria, Y. Gal, S. Kraus and C. V. Goldman. Strategic advice provision in repeated human-agent interactions, *Journal of Autonomous Agents and Multi-Agent Systems*, 30(1):4-29, 2016.
117. A. Rosenfeld, I. Zuckerman, E. Segal-Halevi, O. Drein and S. Kraus. NegoChat-A: a chat-based negotiation agent with bounded rationality, *Journal of Autonomous Agents and Multi-Agent Systems*, 30(1), 60-8, 2016.
118. C. Kang, S. Kraus, C. Molinaro, F. Spezzano, and V.S. Subrahmanian. Diffusion Centrality in Social Networks, *Artificial Intelligence*, Vol. 239, pages 70-96, July 2016.
119. E. Salmon, M. Gelfand, M., H. Ting, S. Kraus, Y. Gal and C. Fulmer. When Time is Not Money: Why Americans May Lose Out at the Negotiation Table, *Academy of Management Discoveries*. 2016 Dec 1;2(4):349-67.
120. S. Barrett, A. Rosenfeld, S. Kraus and P. Stone. Making Friends on the Fly: Cooperating with New Teammates, *Artificial Intelligence*, 242:132-171, 2017.
121. G. Haim, Y. Gal, B. An and S. Kraus. Human-computer negotiation in a three player market setting. *Artificial Intelligence*, 246: 34-52, 2017.
122. A. Rosenfeld, N. Agmon, O. Maksimov and S. Kraus. Intelligent agent supporting human-multi-robot team collaboration, *Artificial Intelligence*. 252: 211-231, 2017.
123. L. Sless, N. Hazon, S. Kraus and M. Wooldridge. Forming k coalitions and facilitating relationships in social networks, *Artificial Intelligence*, 259: 217-245, 2018.
124. A. Rosenfeld, S. Sina, D. Sarne, O. Avidov and S. Kraus. WhatsApp usage patterns and prediction of demographic characteristics without access to message content, *Demographic Research*, 39:647-670, 2018.
125. A. Rosenfeld, M. Cohen, M. Taylor and S. Kraus. Leveraging human knowledge in tabular reinforcement learning: A study of human subjects, *Knowledge Engineering Review*, 33, 2018.

126. E. Sless Lin, N. Agmon, S. Kraus. Multi-Robot Adversarial Patrolling: Handling Sequential Attacks, *Artificial Intelligence Journal*, 274: 1-25, 2019.

**Papers in Refereed Conferences :**

127. S. Kraus and D. Lehmann. Decision procedures for Time and Chance. Proceedings of 24th I.E.E.E. Annual Symposium on the Foundations of Computer Science, Tucson, Arizona, pp. 202-209, November 1983.
128. S. Kraus and D. Lehmann. Diplomat, an agent in a multi-agent environment: An overview. In Proc. of the Seventh Annual IEEE Phoenix Conference on Computers and Communications, pp. 434-438, Arizona, 1988. (Extended abstract appears in the Proceedings of the Third Conf. of IAAI, December 1986).
129. S. Kraus, E. Ephrati and D. Lehmann. Evaluation of suggestions during automated negotiations. In Proc. of the 11th Cognitive Science Conference, pp. 299-306, 1989.
130. S. Kraus, D. Lehmann and E. Ephrati. An automated Diplomacy player. In D. Levy and D. Beal, editors, *Heuristic Programming in Artificial Intelligence: The 1st Computer Olympia*, pp. 134-153. Ellis Horwood Limited, 1989.
131. S. Kraus and D. Lehmann. Using interacting goal-processes for automated negotiation. In Proc. of the 4th International Symposium on Methodologies for Intelligent Systems, pp. 209-219, 1989.
132. S. Kraus and D. Perlis. Assessing others' knowledge and ignorance. In Proc. of the 4th International Symposium on Methodologies for Intelligent Systems, pp. 220-225, 1989.
133. D. Etherington, S. Kraus and D. Perlis. Nonmonotonicity and the scope of reasoning: preliminary report. In Proceedings of AAAI-90, pp. 600 - 607, Boston, 1990.
134. S. Kraus and J. Wilkenfeld. A strategic negotiations model with applications to an international crisis: preliminary report. Proc. of the AI Track of the Seventh Israeli Symposium on Artificial Intelligence, Elsevier Science Publishers, Tel-Aviv, December 1990.
135. S. Kraus and J. Wilkenfeld. The function of time in cooperative negotiations. Proc. of the Tenth National Conference on Artificial Intelligence, pp. 179-184, AAAI, Anaheim, California, July 1991.
136. S. Kraus and J. Wilkenfeld. Negotiations Over Time in a Multi Agent Environment: Preliminary Report. Proc. of the 12th International Joint Conference on Artificial Intelligence, pp. 56-61, Sydney, Australia, August 1991.
137. M. Harris, S. Kraus, J. Wilkenfeld and E. Blake. A Decision Support System for Generalized Negotiation. Proc. of the Thirteenth Annual Meeting of the Cognitive Science Society, pp. 382-387, Chicago, Illinois, August 1991.
138. C. Baral, S. Kraus, J. Minker and S. Subrahmanian. Combining Knowledge Bases Consisting of First Order Theories. Proc. of the Sixth International Symposium on Methodologies for Intelligent Systems, North Carolina, October 1991.
139. M. Nirkhe, S. Kraus and D. Perlis. Fully deadline-coupled planning: One step at a time. Proc. of the Sixth International Symposium on Methodologies for Intelligent Systems, North Carolina, October 1991.
140. S. Kraus and J. Wilkenfeld. Negotiations Over Time in a Multi Agent Environment. Proc. of the AI Track of the Eighth Israeli Symposium on Artificial Intelligence, Tel-Aviv, December 1991.
141. P. Bonatti, S. Kraus and V.S. Subrahmanian. Declarative Foundations of Secure Deductive Databases. Proc. of 4th International Conference on Database Theory, (ICDT), Germany, pp 391-406, 1992.
142. S. Kraus and G. Zlotkin. Resource Allocation among Agents with Incomplete Information: An On-line Negotiation Approach, Proc. of the AI Track of the Ninth Israeli Symposium on Artificial Intelligence, pp. 201-215, Tel-Aviv, December 1992 .



143. M. Nirkhe, S. Kraus and D. Perlis. Situated Reasoning Within Tight Deadlines and Realistic Space and Computation Bounds. Proceedings of the Second Symposium On Logical Formalizations Of Commonsense Reasoning, January 1993.
144. N. Nirkhe, D. Perlis and S. Kraus. Reasoning About Change in a Changing World, FLAIRS-93.
145. B. Grosz and S. Kraus. Collaborative Plans for Group Activities. Proceedings of IJCAI93, France pp 367-373. (Extended version appear in the proceedings of the 12th International Workshop on DAI-93.)
146. S. Kraus. Agents Contracting Tasks in Non-Collaborative Environments. Proceedings of AAAI93, pp 243-248, Washington, USA.
147. S. Kraus. Interaction and Collaboration in Multi-agent Systems. Proceedings of ECAI-94, pp. 823-825, Amsterdam, August 1994 (invited address.)
148. O. Shehory and S. Kraus. Task Allocation via Coalition Formation Among Autonomous Agents, Proc. of IJCAI95, pp. 655-661, August, Montreal, Canada, 1995.
149. M. Fenster, S. Kraus and J. Rosenschein. Coordination without Communication: Experimental Validation of Focal Point Techniques, First International Conference on Multiagent Systems, pp 102-108, California, USA, June 1995.
150. O. Shehory and S. Kraus. A Kernel-Oriented Model for Coalition-Formation in General Environments: Implementation and Results. Proc. of AAAI96, pp. 134-140, August 1996.
151. O. Shehory and S. Kraus. Cooperative goal-satisfaction without communication in large-scale agent-systems. Agent-systems, Proceedings of ECAI-96, pp. 544-548, August 1996.
152. O. Shehory and S. Kraus. Formation of overlapping coalitions for precedence-ordered task-execution among autonomous agents. Proc. of the Second International Conference on Multiagent Systems, pp. 330-337, 1996.
153. R. Schwartz and S. Kraus. Negotiation On Data Allocation in Multi-Agent Environments. Proc. of AAAI-97, pp. 29-35, July 1997.
154. S. Kraus. Strategic Negotiation and Cooperation Among Autonomous Agents. Proceedings of SCAI-97, pp. 8-13, Helsinki, August 1997 (invited address.)
155. R. Azoulay-Schwartz and S. Kraus. Assessing Usage Patterns to Improve Data Allocation via Auctions. Proc. of ICMAS-2000, pp. 47-54, Boston, July 2000,
156. D. G. Sullivan, B. J. Grosz and S. Kraus. Intention Reconciliation by Collaborative Agents. Proc. of ICMAS-2000, pp. 293-300, Boston, July 2000.
157. A. Freitsis and S. Kraus. Market-mechanisms to reduce pollution. Proc. of AGENTS-01, Montreal, pp. 141-142, May 2001.
158. R. Azoulay-Schwartz and S. Kraus. Stable Strategies for Sharing Information among Agents. Proc. of IJCAI-2001, Seattle, pp. 1128-1134, August 2001.
159. A. Felner, S. Kraus and R. Stern. Finding Optimal Path in Unknown Physical Environment. Proc. of AAMAS-2002, pp. 240-247.
160. E. David, R. Azoulay-Schwartz and S. Kraus. Protocols and Strategies for Automated Multi Attributes Auctions. Proc. of AAMAS-2002, pp. 77-85, July 2002.
161. P. Hoz-Weiss, S. Kraus, J. Wilkenfeld and T. E. Santmire. An Automated Negotiator for an International Crisis. Proc. of AAAI-2002, Intelligent Systems Demos.
162. J. Dix, S. Kraus and V.S. Subrahmanian. Agents dealing with Time and Uncertainty. Proc. of AAMAS-2002 pp. 912-919.
163. G. Grant, S. Kraus and D. Perlis. A Logic-Based Model of Intentions for Multi-Agent Subcontracting. Proc. of AAAI-2002, pp. 320-325, Canada, July 2002.

164. R. Lin, S. Kraus and J. Tew. Attaining Fast and Successful Searches in E-Commerce Environments. Proc. of ECIR pp 120-134, 2003.
165. E. David, R. Azulay-Schwartz and S. Kraus. Bidders' strategy for Multi-Attribute sequential English auction with a deadline. Proc. of AAMAS-2003.
166. S. Kraus, O. Shehory and G. Tasse. Coalition Formation with Uncertain Heterogeneous Information. Proc. of AAMAS-2003, 1-8, 2003.
167. S. Kraus, V.S. Subrahmanian and N. Cihan Tacs. Probabilistically Survivable MASs, IJCAI-2003.
168. O. Yadgar, C. Ortiz, S. Kraus and E. Sharabi. Cooperative large scale mobile agent systems. Proc. of the Second Annual Symposium on Autonomous Intelligent Networks and Systems Menlo Park, CA, USA, 2003.
169. S. Kraus, O. Shehory and Gilad Taase. The Advantages of Compromising in Coalition Formation with Incomplete Information, Proc. of AAMAS-2004 pp. 588-595, 2004.
170. P. Paruchuri, M. Tambe, F. Ordonez and S. Kraus. Towards a formalization of teamwork with resource constraints. Proc. of AAMAS-2004, pp. 596-603, 2004.
171. B. Grosz, S. Kraus, S. Talman, B. Stossel and M. Havlin. The Influence of Social Dependencies on Decision-Making: Initial Investigations with a New Game. Proc. of AAMAS-2004, pp. 780-787, 2004.
172. D. Sarne and S. Kraus. Time-Variant Distributed Agent Matching Applications. Proc. of AAMAS-2004, pp. 168-175, 2004.
173. A. Rosenfeld, G. Kaminka and S. Kraus. Adaptive robot coordination. Proc. of ECAI 2004, pp. 910-916, 2004.
174. E. David, A. Rogers, J. Schiff, S. Kraus and N. Jennings. Optimal Design of English Auctions with Discrete bid Levels. Proc. of ACM EC 2005.
175. R. Meshulam, A. Felner and S. Kraus. Utility-Based Multi-Agent System for Performing Repeated Navigation Tasks. Proc. of AAMAS 2005.
176. S. Talman, Y. Gal, S. Kraus and M. Hadad. Adapting to Agents' Personalities in Negotiation. Proc. of AAMAS 2005.
177. R. Toester, S. Talman and S. Kraus. Choosing between heuristics and strategies - an enhanced model. Proc. of IJCAI 2005.
178. Y. Zhang, E. Manisterski, S. Kraus and V.S. Subrahmanian. Approximation results for probabilistic survivability. Proc. of the Second IEEE Symposium on Multi-Agent Security and Survivability, Philadelphia, USA 2005.
179. D. Sarne and S. Kraus. Cooperative exploration in the electronic marketplace. In Proceedings of AAI-2005, pp. 158-163, 2005.
180. D. Sarne and S. Kraus. Solving the auction-based task allocation problem in an open environment. In Proceedings of AAI-2005, 2005.
181. M. Hadad, G. Kaminka, G. Armon and S. Kraus. Supporting Collaborative Activity. In Proceedings of AAI-2005, 2005.
182. E. Manisterski, E. David, S. Kraus and N. Jennings. Forming Efficient Agent Groups for Completing Complex Tasks. Proceedings of AAMAS 06, Japan, 834-841, 2006.
183. P. Paruchuri, M. Tambe, F. Ordonez and S. Kraus. Security in multiagent systems by policy randomization. Proceedings of AAMAS 06, Japan, pp. 273-280, 2006.
184. R. Katz and S. Kraus. Efficient agents for Cliff Edge environments with a large set of decision options. Proceedings of AAMAS 06, Japan, pp. 697-704, 2006.
185. E. Manisterski, D. Sarne and S. Kraus. Integrating Parallel Interactions into Cooperative Search. Proceedings of AAMAS 06, Japan pp. 257-264, 2006.

186. R. Lin, D. Dor-Shiffer, S. Kraus and D. Sarne. Local Negotiation in Cellular Networks: From Theory to Practice. Eighteenth Annual Conference on Innovative Applications of Artificial Intelligence (IAAI-06), Boston, July 2006.
187. R. Katz and S. Kraus. Modeling human decision making in Cliff-Edge environments. Proc. of AAI 2006.
188. R. Lin, S. Kraus, J. Wilkenfeld and J. Barry. An Automated Agent for Bilateral Negotiation with Bounded Rational Agents with Incomplete Information. Proc. of ECAI 2006.
189. R. Katz and S. Kraus. Efficient Bidding Strategies for Simultaneous Cliff-Edge Environments. IAT 2006, pp. 291-297, 2006.
190. E. Manisterski, D. Sarne and S. Kraus. Enhancing MAS Cooperative Search Through Coalition Partitioning. Proc. of IJCAI 2007 pp. 1415-1421, 2007.
191. E. Manisterski, R. Katz and S. Kraus. Providing a recommended trading agent to a population: a novel approach. IJCAI 2007 pp. 1408-1414, 2007.
192. I. Zuckerman, S. Kraus and J. S. Rosenschein. Using Focal Point Learning to Improve Tactic Coordination in Human-Machine Interactions. Proc. of IJCAI 2007, pp. 1563-1568, 2007.
193. P. Paruchuri, J. Pearce, M. Tambe, F. Ordonez and S. Kraus. An Efficient Heuristic Approach for Security Against Multiple Adversaries. Proceedings of AAMAS 2007, USA, 2007.
194. R. Lin, S. Kraus and Y. Shavitt. On the Benefits of Cheating by Self-Interested Agents in Vehicular Networks. Proceedings of AAMAS 2007, USA, 2007.
195. I. Zuckerman, S. Kraus, J. Rosenschein and G. Kaminka. An Adversarial Environment Model for Bounded Rational Agents in Zero-Sum Interactions. Proceedings of AAMAS 07, USA, 2007.
196. D. Sarne, S. Kraus and T. Ito. Scaling-up Shopbots - a Dynamic Allocation-Based Approach. Proceedings of AAMAS 2007, USA, 2007.
197. R. Katz and S. Kraus. Gender-Sensitive Automated Negotiators. AAI 2007, pp. 821-826, 2007.
198. R. Lin, S. Kraus and J. Wilkenfeld. GPNeg: General Purpose Negotiation Training Tool. Proc. of ICC, 2007.
199. T.-C. Au, S. Kraus and D. Nau. Symbolic Noise Detection in the Noisy Iterated Chicken Game and the Noisy Iterated Battle of the Sexes. Proc. of ICC, 2007.
200. N. Hazon, Y. Aumann, S. Kraus and M. Wooldridge. Evaluation of Election Outcomes Under Uncertainty. In Proceedings of the Seventh International Conference on Autonomous Agents and Multi-Agent Systems (AAMAS-2008), Estoril, Portugal, May 2008.
201. P. E. Dunne, S. Kraus, W. van der Hoek and M. Wooldridge. Cooperative Boolean Games. In Proceedings of the Seventh International Conference on Autonomous Agents and Multi-Agent Systems (AAMAS-2008), Estoril, Portugal, May 2008.
202. P. Paruchuri, J. Pearce, J. Marecki, M. Tambe, F. Ordonez and S. Kraus. Playing Games for Security: An Efficient Exact Algorithm for Solving Bayesian Stackelberg Games. In Proceedings of the Seventh International Conference on Autonomous Agents and Multi-Agent Systems (AAMAS-2008), Estoril, Portugal, May 2008.
203. J. Pita, M. Jain, J. Maerecki, F. Ordonez, C. Portway, M. Tambe, C. Western, P. Paruchuri and S. Kraus. Deployed ARMOR Protection: The Application of a Game Theoretic Model for Security at the Los Angeles International Airport. Proc. of AAMAS 2008 Industrial Track, Estoril, Portugal, May 2008.
204. S. Reches, P. Hendrix, B. J. Grosz and S. Kraus. Efficiently Determining the Appropriate Mix of Personal Interaction and Reputation Information in Partner Choice. In Proceedings of the Seventh International Conference on Autonomous Agents and Multi-Agent Systems (AAMAS-2008). Estoril, Portugal, May 2008.

205. M. Chalamish, D. Sarne and S. Kraus. Programming Agents as a Means of Capturing Self-Strategy. In Proceedings of the Seventh International Conference on Autonomous Agents and Multi-Agent Systems (AAMAS-2008). Estoril, Portugal, May 2008.
206. T.-C. Au, D. Nau and S. Kraus. Synthesis of Strategies from Interaction Traces. In Proceedings of the Seventh International Conference on Autonomous Agents and Multi-Agent Systems (AAMAS-2008). Estoril, Portugal, May 2008.
207. N. Agmon, V. Sadov, S. Kraus and G. Kaminka. The Impact of Adversarial Knowledge on Adversarial Planning in Perimeter Patrol. In Proceedings of the Seventh International Conference on Autonomous Agents and Multi-Agent Systems (AAMAS-2008), Estoril, Portugal, May 2008.
208. N. Agmon, S. Kraus and G. A. Kaminka. Multi-Robot Perimeter Patrol in Adversarial Settings. In Proc. of IEEE International Conference on Robotics and Automation (ICRA 08), May 2008.
209. Y. Aumann, N. Hazon, D. Sarne and S. Kraus. Physical search problems applying economic search models. In Proc. of AAAI 2008.
210. P. Paruchuri, J. P. Pearce, J. Marecki, M. Tambe, F. Ordonez and S. Kraus. Efficient Algorithms to Solve Bayesian Stackelberg Games for Security Applications. Proc. of AAAI, Nectar Papers Track, 2008.
211. A. Richardson, S. Kraus, P. L. Weiss and S. Rosenblum. COACH - Cumulative Online Algorithm for Classification of Handwriting Deficiencies. IAAI 2008: 1725-1730, 2008.
212. J. Pita, M. Jain, F. Ordonez, C. Portway, M. Tambe, C. Western, P. Paruchuri and S. Kraus. ARMOR Security for Los Angeles International Airport. Proc. of AAAI, Intelligent Systems Demonstration, 2008.
213. N. Agmon, G. A. Kaminka and S. Kraus. Multi-Robot Fence Patrol in Adversarial Domains. Proceedings of the 10th International Conference on Intelligent Autonomous Systems, 2008.
214. P. Paruchuri, J. P. Pearce, J. Marecki, M. Tambe, F. Ordonez and S. Kraus. Efficient Algorithms to Solve Bayesian Stackelberg Games for Security Applications. Proc. of AAAI 2008, Nectar track.
215. J. Pita, M. Jain, F. Ordonez, M. Tambe, S. Kraus and R. Magori-Cohen. Effective Solutions for Real-World Stackelberg Games: When Agents Must Deal with Human Uncertainties. Proc of AAMAS 2009.
216. Y. Oshrat, R. Lin and S. Kraus. Facing the Challenge of Human-Agent Negotiations via Effective General Opponent Modeling. Proc of AAMAS 2009.
217. R. Lin, Y. Oshrat and S. Kraus. Investigating the Benefits of Automated Negotiations in Enhancing Negotiation Skills of People. Proc of AAMAS 2009.
218. T. Shrot, Y. Aumann and S. Kraus. Easy and Hard Coalition Formation Problems - Parameterized Complexity Analysis. Proc of AAMAS 2009.
219. N. Agmon, S. Kraus, G. Kaminka and V. Sadov. Adversarial Uncertainty in Multi-Robot Patrol. Proc of IJCAI 2009.
220. N. Hazon, Y. Aumann and S. Kraus. Collaborative Multi Agent Physical Search with Probabilistic Knowledge. Proc. of IJCAI09.
221. A. Rosenfeld and S. Kraus. Modeling Agents through Bounded Rationality Theories. Proc. of IJCAI 2009.
222. I. Zuckerman, A. Felner and S. Kraus. Mixing Search Strategies for Multi-Player Games. Proc. of IJCAI 2009.
223. T. Shrot, A. Rosenfeld and S. Kraus. Leveraging Users for Efficient Interruption Management in Agent-User Systems. Proc. of IAT 2009.
224. I. Vainer, S. Kraus, G. A. Kaminka and H. Slovin. Scalable Classification in Large Scale Spatiotemporal Domains Applied to Voltage-Sensitive Dye Imaging. In Proceedings of the IEEE International Conference on Data Mining (ICDM 2009), 2009.

225. M. Chalamish and S. Kraus. AutoMed - An Automated Mediator for Multi-Issue Bilateral Negotiations. Proc. of the Third International Conference on Computational Cultural Dynamics, 2009.
226. P. Stone and S. Kraus. Teach or not to Teach? Decision Making Under Uncertainty in Ad Hoc Team. Proc. of AAMAS 2010.
227. G. Simari, J. Dickerson, V.S. Subrahmanian and S. Kraus. A Graph-Theoretic Approach to Protect Static and Moving Targets from Adversaries. Proc. of AAMAS 2010.
228. T. Shrot, Y. Aumann and S. Kraus. On agent types in Coalition formation problems. Proc. of AAMAS 2010.
229. G. A. Kaminka, D. Erusalimchik and S. Kraus. Adaptive Multi-Robot Coordination: A Game-Theoretic Perspective. Proc. of ICRA 2010.
230. J. Grant, S. Kraus and M. Wooldridge. Intentions in Equilibrium. Proc. of AAAI 2010.
231. R. Lin, S. Kraus, Y. Oshrat and K. Gal. Facilitating the Evaluation of Automated Negotiators using Peer Designed Agents. Proc. of AAAI 2010.
232. P. Stone, G. Kaminka, S. Kraus and J. Rosenschein. Collaboration without Pre-Coordination. Proc of AAAI-10 (Special Track on Challenges in AI).
233. N. Peled, Y. Gal and S. Kraus. A Study of Computational and Human Strategies in Revelation Games. Ninth International Conference on Autonomous Agents and Multi-Agent Systems (AAMAS), Taipei, Taiwan, May 2011.
234. U. Endriss, S. Kraus, J. Lang and M. Wooldridge. Designing Incentives for Boolean Games. Proc. of Ninth International Conference on Autonomous Agents and Multi-Agent Systems (AAMAS), Taipei, Taiwan, May 2011.
235. A. Rosenfeld and S. Kraus. Using Aspiration Adaptation Theory to Improve Learning. Proc. of Ninth International Conference on Autonomous Agents and Multi-Agent Systems (AAMAS), Taipei, Taiwan, May 2011.
236. S. Barrett, P. Stone and S. Kraus. Empirical Evaluation of Ad Hoc Teamwork in the Pursuit Domain, Proc. of Ninth International Conference on Autonomous Agents and Multi-Agent Systems (AAMAS), Taipei, Taiwan, May 2011.
237. R. Eyal, A. Rosenfeld and S. Kraus. Identifying Missing Node Information in Social Networks. Proc. of AAAI 2011.
238. A. Azaria, Z. Rabinovich, S. Kraus and C. Goldman. Strategic Information Disclosure to People with Multiple Alternatives. Proc. of AAAI 2011.
239. R. Lin, S. Kraus, N. Agmon, S. Barrett and P. Stone. Comparing Agents' Success against People in Security Domains. Proc. of AAAI 2011.
240. J. Grant, S. Kraus, M. Wooldridge and I. Zuckerman. Manipulating Boolean Games Through Communication. Proc. of IJCAI 2011.
241. R. Eyal, S. Kraus and A. Rosenfeld. Identifying Missing Node Information in Social Networks. Proc of AAAI 2011.
242. R. Lin, S. Kraus, N. Agmon, S. Barrett and P. Stone. Comparing Agents' Success against People in Security Domains. Proc of AAAI 2011.
243. G. Haim, Y. Gal, S. Kraus and M. Gelfand. A Cultural Sensitive Agent for Human-Computer Negotiation. Proc. of AAMAS 2012.
244. A. Azaria, Z. Rabinovich, S. Kraus, C.V. Goldman and O. Tsimhoni. Giving Advice to People in Path Selection Problems, Proc. of AAMAS 2012.
245. A. Rosenfeld, Z. Bareket, C. V. Goldman, S. Kraus, D. J. LeBlanc and O. Tsimhoni. Learning Driver's Behavior to Improve the Acceptance of Adaptive Cruise Control. Proc. of IAAI 2012.

246. A. Azaria, Y. Aumann and S. Kraus. Automated Strategies for Determining Rewards for Human Work, Proc. of AAAI 2012. (Also presented at HAIDM Workshop.)
247. A. Azaria, Z. Rabinovich, S. Kraus, C.V. Goldman and Y. Gal. Strategic Advice Provision in Repeated Human-Agent Interactions. Proc. of AAAI 2012. (Also presented at HAIDM Workshop.)
248. A. Frieder, R. Lin and S. Kraus. Agent-human Coordination with Communication Costs under Uncertainty. Proc of AAAI 2012. (Also presented at HAIDM Workshop.)
249. J. Pita, R. John, R. Maheswaran, M. Tambe and S. Kraus. A Robust Approach to Addressing Human Adversaries in Security Games. Proc. of ECAI 2012.
250. M. Fenster, I. Zuckerman and S. Kraus. Guiding User Choice During Discussion by Silence, Examples and Justifications. Proc. of ECAI 2012.
251. M. Wooldridge and S. Kraus. Delegating Decisions in Strategic Settings Authors. Proc. of ECAI 2012.
252. C. Kang, C. Molinaro, S. Kraus, Y. Shavitt and V. S. Subrahmanian. Diffusion Centrality in Social Networks. ASONAM 2012: 558-564, 2012.
253. A. Xin Jiang, Z. Yin, C. Zhang, M. Tambe and S. Kraus. Game-theoretic Randomization for Security Patrolling with Dynamic Execution Uncertainty. Proc. of AAMAS 2013.
254. T. H. Nguyen, R. Yang, A. Azaria, S. Kraus and M. Tambe. Analyzing the Effectiveness of Adversary Modeling in Security Games. Proc. of AAAI 2013.
255. S. Barrett, P. Stone, S. Kraus and A. Rosenfeld. Teamwork with Limited Knowledge of Teammates. Proc. of AAAI 2013.
256. A. Richardson, G. A. Kaminka and S. Kraus. The REEF: Resolving Length Bias in Frequent Sequence Mining. Third International Conference on Advances in Information Mining and Management (IMMM 2013).
257. M. Bitan, Y. Gal, S. Kraus, E. Dokow and A. Azaria. Social Rankings in Human-Computer Committees. Proc. of AAAI 2013.
258. N. Peled, Y. Gal and S. Kraus. An Agent Design for Repeated Negotiation and Information Revelation with People. Proc. of AAAI 2013.
259. N. Hazon, R. Lin and S. Kraus. How to Change a Group's Collective Decision? Proc. Of IJCAI 2013.
260. N. Peled, M. Bitan, Y. Keshet and S. Kraus. Predicting Human Strategic Decisions Using Facial Expressions. Proc. of IJCAI 2013.
261. S. Sina, A. Rosenfeld and S. Kraus. Solving the Missing Node Problem using Structure and Attribute Information. The 2013 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining, ASONAM 2013.
262. A. Azaria, A. Hassidim, S. Kraus, A. Eshkol, O. Weintraub and I. Netanel. Movie Recommender System for Profit Maximization. RecSys 2013.
263. A. Azaria, A. Richardson and S. Kraus. An Agent for the Prospect Presentation Problem. AAMAS 2014.
264. A. Rosenfeld, I. Zuckerman, E. Segal-Halevi, O. Drein and S. Kraus. NegoChat: A Chat-Based Negotiation Agent. AAMAS 2014.
265. E. Sless, N. Agmon and S. Kraus. Multi-Robot Adversarial Patrolling: Facing Coordinated Attacks. AAMAS 2014.
266. L. Sless, N. Hazon, S. Kraus and M. Wooldridge. Forming coalitions and facilitating relationships for completing tasks in social networks. AAMAS 2014.
267. Y. Gal, A. Rosenfeld, S. Kraus, M. Gelfand, B. An and J. Lin. New Paradigm for the Study of Corruption in Different Cultures. Proc. Of 2014 International Conference on Social Computing, Behavioral-Cultural Modeling, & Prediction (SBP14), 2014.

268. T. Shrot, A. Rosenfeld, J. Golbeck and S. Kraus. CRISP - An Interruption Management Algorithm based on Collaborative Filtering. The ACM CHI Conference, 2014.
269. A. Azaria, S. Kraus, C.V. Goldman and O. Tsimhoni. Advice Provision for Energy Saving in Automobile Climate Control Systems. Proc. Of the Twenty-Sixth Annual Conference on Innovative Applications of Artificial Intelligence (IAAI-14), 2014.
270. C. Buntain, A. Azaria and S. Kraus. Leveraging Free-Based, Imperfect Advisors in Human-Agent Games of Trust, AAAI 2014.
271. S. Sina, A. Rosenfeld and S. Kraus. Using the Crowd to Generate Content for Scenario-Based Serious-Games. AAAI 2014.
272. S. Barrett, N. Agmon, N. Hazon, P. Stone and S. Kraus. Communicating with Unknown Teammates, ECAI 2014.
273. G. Haim, Y. Gal, S. Kraus and B. An. Equilibrium Strategies for Human-Computer Negotiation. ECAI 2014.
274. A. Azaria, A. Richardson and S. Kraus. An Agent for Deception Detection in Discussion Based Environments. The 18th ACM conference on Computer-Supported Cooperative Work and Social Computing, 2015.
275. A. Rosenfeld and S. Kraus. Providing Arguments in Discussions Based on the Prediction of Human Argumentative Behavior. AAAI 2015.
276. S. Sina, A. Rosenfeld, S. Kraus. and N. Akiva. A Hybrid Approach of Classifier and Clustering for Solving the Missing Node Problem. AAAI 2015.
277. S. Kraus. Intelligent Agents for Rehabilitation and Care of Disabled and Chronic Patients, AAAI 2015 ("Blue Sky" category of the Senior Member Presentation Track).
278. A. Rosenfeld, A. Azaria, S. Kraus, C.V. Goldman and O. Tsimhoni. Adaptive Advice in Automobile Climate Control Systems, AAMAS 2015.
279. S. Sina, N. Hazon, A. Hassidim and S. Kraus. Adapting the Social Network to Affect Elections. AAMAS 2015.
280. A. Rosenfeld, N. Agmon, O. Maksimov, A. Azaria and S. Kraus. Intelligent Agent Supporting Human-Multi-Robot Team Collaboration. IJCAI 2015.
281. A. Shvartzon, A. Azaria, S. Kraus, C. Goldman, J. Meyer and O. Tsimhoni. Personalized Alert Agent for Optimal User Performance. AAAI 2016.
282. A. Rosenfeld and S. Kraus. Strategical Argumentative Agent for Human Persuasion. ECAI 2016.
283. A. Rosenfeld, J. Keshet, C. V. Goldman and S. Kraus. Online Prediction of Exponential Decay Time Series with Human-Agent Application. ECAI 2016.
284. M. Bitan, G. Nahari, Z. Nisin, A. Roth and S. Kraus. Psychologically based Virtual-Suspect for Interrogative Interview Training. AAAI 2017.
285. T. Verma, P. Varakantham, S. Kraus and H. C. Lau. Augmenting Decisions of Taxi Drivers through Reinforcement Learning for Improving Revenues, ICAPS 2017.
286. A. Rosenfeld, O. Maksimov and S. Kraus. When Security Games Hit Traffic: Optimal Traffic Enforcement Under One Sided Uncertainty. IJCAI 2017.
287. M. Sinay, N. Agmon, O. Maksimov, S. Kraus and D. Peleg. Maintaining Communication in Multi-Robot Tree Exploration. IJCAI 2017.
288. A. Rosenfeld, M. Taylor and S. Kraus. Leveraging Human Knowledge in Tabular Reinforcement Learning: A Study of Human Subjects. IJCAI 2017.
289. A. Rosenfeld, O. Maksimov and S. Kraus. Optimizing Traffic Enforcement: From the Lab to the Roads. GameSec 2017.

290. E. Hartov, H. Agmon and S. Kraus. Scheduling Spare Drones for Persistent Task Performance With Energy Constraints. AAMAS 2018.
291. A. Rosenfeld, O. Maksimov and S. Kraus. Optimal Cruiser-Drone Traffic Enforcement Under Energy Limitation. IJCAI 2018.
292. S. Erlich, N. Hazon and S. Kraus. Negotiation Strategies for Agents with Ordinal Preferences. IJCAI 2018.
293. M. Sinay, N. Agmon, O. Maksimov, G. Levy, M. Bitan and S. Kraus. UAV/UGV Search and Capture of Goal-Oriented Uncertain Targets. IROS 2018.
294. A. Kleinerman, A. Rosenfeld and S. Kraus. Providing Explanations for Automated Advice in Reciprocal Environments. RecSys, 2018.
295. A. Kleinerman, A. Rosenfeld, F. Ricci and S. Kraus. Optimizing Interactions in Reciprocal Recommender Systems. RecSys, 2018.
296. H. Rosemarin, A. Rosenfeld, S. Kraus. Emergency Department Online Patient-Caregiver Scheduling, AAAI 2019.
297. Julian Gutierrez, Sarit Kraus, Michael Wooldridge. Cooperative Concurrent Games, AAMAS 2019.
298. Sarit Kraus, A. Azaria, J. Fiosina, M. Greve, N. Hazon, L. Kolbe, T. Lembcke, J. P. Müller, S. Schleibaum, M. Vollrath. AI for Explaining Decisions in Multi-Agent Environments, AAAI-2020 ("Blue Sky" category of the Senior Member Presentation Track).

**Chapters in Refereed Books :**

299. S. Kraus and D. Lehmann. Knowledge Acquisition in Negotiation Game, in F. Geyer, editor, *The Cybernetics of Complex Systems - Self- organization, Evolution, and Social Change*, Intersystems Publications, California, 1991, pp 163–172.
300. O. Shehory and S. Kraus. Coalition Formation among Autonomous Agents: Strategies and Complexity, in C. Castelfranchi and J.P. Muller, editors, *From Reactions to Cognition*, Lectures Notes in Artificial Intelligence, 957, Springer Verlag Publishers, 1995, pp. 57-72.
301. S. Kraus and J. Wilkenfeld. Issues in the Development of Automated Negotiators in Multi-Agent Environments, in G. M. Olson, J.B. Smith and T.W. Malone, editors, *Coordination Theory and Collaboration Technology*. Mahwah, NJ: Lawrence Erlbaum Associates, 1996.
302. O. Shehory and S. Kraus. A Kernel-oriented model for autonomous-agent coalition-formation in general environments, in C. Zhang and D. Lukose, editors, *Distributed Artificial Intelligence – Architecture and Modeling*, Springer-Verlag, 1996, pp. 31-45.
303. J. Wilkenfeld, S. Kraus and K. Holley. The Negotiation Training Model, in F. Watts and A. G. Carbonell, editors, *Simulation Now: Learning through experience: The challenge of change*, Diputació de València, Spain, 1997, pp. 255-264.
304. J. Wilkenfeld, S. Kraus and K. Holley. The use of decision support systems in crisis negotiation, in A. Kent and J. G. Williams, editors, *Encyclopedia of Microcomputers*, Volume 22, Marcel Dekker, New York, pp. 347–363, 1998.
305. R. Schwartz and S. Kraus. Bidding Mechanisms for Data Allocation in Multi-Agent Environments, in M. P. Singh A. S. Rao and M. J. Wooldridge editors, *Intelligent Agents IV: Agent Theories, Architectures, and Languages*, (LNAI Volume 1365) Springer-Verlag, pp. 61–75, 1998.
306. P. Bonatti, S. Kraus, J. Salinas and V.S. Subrahmanian. Data-Security in Heterogeneous Agent Systems, in M. Klusch editor, *Cooperative Information Agents*, Springer-Verlag, 1998, pp. 290–305.
307. B. J. Grosz and S. Kraus. The Evolution of SharedPlans, in M. Wooldridge and A. Rao, *Foundations and Theories of Rational Agency*, Kluwer Academic Publishers, The Netherlands, pp. 227–262, 1999.
308. M. Hadad and S. Kraus. Shared Plans in Electronic Commerce, in M. Klusch editor, *Intelligent Information Agents*, Springer Publisher, pp. 204-231, 1999.



309. O. Shehory, S. Kraus and O. Yadgar. Goal-satisfaction in large-scale agent-systems: a transportation example, in A. Rao, M. Singh and M. Wooldridge (Eds.), *Lecture Notes in Artificial Intelligence, Intelligent Agents V*, 1999, pp. 277-292.
310. D. G. Sullivan, A. Glass, B. J. Grosz and S. Kraus. Intention Reconciliation in the Context of Teamwork: an Initial Empirical Investigation, in M. Klusch, O. Shehory and G. Weiss, *Cooperative Information Agents III*, *Lecture Notes in Artificial Intelligence*, Vol. 1652, Berlin et al.: Springer-Verlag, 1999 (July), pp. 138–151.
311. E. David and S. Kraus. Agents for Broadcasting Environment, in N. Jennings and Y. Lesperance (Eds.), *Lecture Notes in Artificial Intelligence, Intelligent Agents VI*, pp. 91–105, 2000.
312. S. Kraus. Automated Negotiation and Decision Making in Multiagent Environment, in M. Luck, V. Marik, O. Stepankova and R. Trapp (Eds.), *Multi-Agent Systems and Applications*, pp. 150-172, 2001.
313. C. Goldman, S. Kraus and O. Shehory. Agent strategies: for sellers to satisfy purchase-orders, for buyers to select sellers, *Proceedings of the Tenth European Workshop Modelling Autonomous Agents in a Multi-Agent World (MAAMAW01)*.
314. C. Goldman, S. Kraus and O. Shehory. Equilibria Strategies for Selecting Sellers and Satisfying Buyers. in M. Klusch editor, *Cooperative Information Agents*, Springer-Verlag, 2001.
315. M. Hadad and S. Kraus. A Mechanism for Temporal Reasoning by Collaborative Agents, in M. Klusch editor, *Cooperative Information Agents*, Springer-Verlag, pp. 229–234, 2001.
316. M. Hadad and S. Kraus. Exchanging and Combining Temporal Information in a Cooperative Environment, *Cooperative Information Agents*, LNAI vol. 2446, pp. 279-286, 2002.
317. R. Azoulay-Schwartz and S. Kraus. Acquiring an Optimal Amount of Information for Choosing from Alternatives, in M. Klusch, S. Ossowski and O. Shehory (Eds.), *Cooperative Information Agents*, LNAI vol. 2446, Springer-Verlag, pp. 123-137, 2002. (Best paper Award).
318. E. David, R. Azoulay-Schwartz and S. Kraus. An English Auction Protocol for Multi-Attributes Items, in J. Padget, D. Parkes, N. Sadeh O. Shehory and W. Walsh, (Eds.), *Agent Mediated Electronic Commerce IV: Designing Mechanisms and Systems*, LNAI vol. 2531, pp 52-68, 2002.
319. O. Yadgar, S. Kraus and O. Ortiz. Hierarchical information combination in large-scale multiagent resource management in Marc-Philippe Huget editor, *Communication in MAS: background, current trends and future*, Springer-Verlag, pp. 129-145, 2003.
320. O. Yadgar, S. Kraus and C. Ortiz. Upscaling ANTS Challenge: Cooperative Large Scale Mobile Agent System, in V. Lesser, C. Ortiz and M. Tambe, *Distributed Sensor Network*, 2003.
321. D. Sarne and S. Kraus. The Search for Coalition Formation in Costly Environments, in J.G. Carbonell and J. Siekmann (eds.), *Cooperative Information Agents VII*, LNAI vol. 2782, Springer-Verlag, pp. 117-136, 2003.
322. J. Wilkenfeld, S. Kraus, T. E. Santmire and C. K. Frain. "The Role of Mediation in Conflict Management: Conditions for Successful Resolution," in Zeev Maoz et al. (eds.), *Multiple Paths to Knowledge in International Relations*, Lexington Books, 2004.
323. D. Sarne, M. Hadad and S. Kraus. Auction Equilibrium Strategies for Task Allocation in Uncertain Environments, in S. Ossowski and V. Kashyap (eds.), *Cooperative Information Agents VIII*, LNAI Springer-Verlag, 2004.
324. D. Sarne and S. Kraus. Agent's Multiple Inquiries for Enhancing the Partnership Formation Process in S. Ossowski and V. Kashyap (eds.), *Cooperative Information Agents VIII*, LNAI Springer-Verlag, 2004.
325. V.S. Subrahmanian, S. Kraus and Y. Zhang. Distributed algorithms for dynamic survivability of multiagent systems, in J. Dix and J. Leite, editors, *CLIMA IV - Computational Logic in Multi-Agent Systems*, *Lecture Notes on Artificial Intelligence*. Springer-Verlag, pp. 1-15, 2004.
326. D. Sarne and S. Kraus. Agents Strategies for the Dual Parallel Search in Partnership Formation Applications, in P. Faratin and J. A. Rodriguez-Aguilar Proc. of AMEC, LNAI Springer-Verlag, 2004.

327. J. Grant, S. Kraus and D. Perlis. Formal Approaches to Teamwork. In *We Will Show Them: Essays in Honour of Dov Gabbay*, Vol 1. S. Artemov, H. Barringer, A. S. d'Avila Garcez, L. C. Lamb and J. Woods (eds.), College Publications, pp. 39-68, 2005.
328. A. Rogers, E. David, J. Schiff, S. Kraus and N.R. Jennings. Learning Environmental Parameters For The Design Of Optimal English Auctions With Discrete Bid Levels, Proc. of AMEC and TADA, LNAI, 2006.
329. O. Yadgar and S. Kraus. Coverage Density as a Dominant Property of Large-Scale Sensor Networks. in *Cooperative Information Agents X*, pp. 138-152, Springer Berlin / Heidelberg, 2006.
330. P. Paruchuri, M. Tambe, F. Ordonez and S. Kraus. Coordinating Randomized Policies for Increasing Security in Multiagent Systems. *Lecture Notes in Artificial Intelligence Hot Topic Volume*, Springer Publications '07.
331. R. Meshulam, S. Reches, A. Yarden and S. Kraus. MLBPR: MAS for Large-Scale Biometric Pattern Recognition, LNAI hot volume.
332. A. Rosenfeld, S. Kraus and C. Ortiz. Quantifying the Expected Utility of Information in Multi-Agent Scheduling Tasks CIA 2007, 104-118.
333. A. Rosenfeld, C. Goldman, G. Kaminka and S. Kraus. An Agent Architecture for Hybrid P2P Free-Text Search CIA 2007, 57-71 (Best paper Award).
334. R. Lin, S. Kraus, D. Tykhonov, K. Hindriks and C. M. Jonker. Supporting the Design of General Automated Negotiators. In *Innovations in Agent-Based Complex Automated Negotiations*. Edited by T. Ito, M. Zhang, V. Robu, S. Fatima, T. Matsuo, and H. Yamaki, Volume 319 of *Studies in Computational Intelligence*. Springer Berlin / Heidelberg, pp. 69-87. 2011.
335. T. Baarslag, K. Hindriks, C. Jonker, S. Kraus and R. Lin. The First Automated Negotiating Agents Competition (ANAC 2010). In *New Trends in Agent-based Complex Automated Negotiations*. Edited by T. Ito, M. Zhang, V. Robu, S. Fatima and T. Matsuo, Volume 383 of *Series on Studies of Computational Intelligence*. Springer-Verlag. pp. 113-135. 2012.
336. R. Lin, Y. Oshrat and S. Kraus. Automated Agents that Proficiently Negotiate with People: Can We Keep People out of the Evaluation Loop? In *New Trends in Agent-based Complex Automated Negotiations*. Edited by T. Ito, M. Zhang, V. Robu, S. Fatima and T. Matsuo, Volume 383 of *Series on Studies of Computational Intelligence*. Springer-Verlag. pp. 57-80. 2012.

**Papers in Refereed Workshops, Posters and Short papers :**

337. D. Lehmann and S. Kraus. Non monotonic logics: models and proofs, Extended Abstract, European Workshop on Logical Methods in Artificial Intelligence, Roscoff (France), 1988.
338. S. Kraus, M. Nirkhe and D. Perlis. Planning and Acting in Deadline Situations. In *AAAI-90 Workshop on Planning in Complex Domains*, Boston, 1990.
339. S. Kraus and J. Wilkenfeld. An automated strategic model of negotiation: extended abstract. In *AAAI-90 Workshop on Reasoning in Adversarial Domains*, Boston, 1990.
340. S. Kraus and J. Wilkenfeld. The function of time in cooperative negotiations. 10th International Workshop on DAI, Texas, October 1990.
341. C. Baral, S. Kraus and J. Minker. Communicating between multiple knowledge-based systems with different languages. In *Working Conference on Cooperating Knowledge Based Systems*, pp. 121-124, England, October 1990.
342. S. Kraus, M. Nirkhe and D. Perlis. Toward fully deadline-coupled planning. Proc. 1990 DARPA Workshop on Innovative Approaches to Planning, Scheduling, and Control, Texas November, 1990 .
343. S. Kraus and J. Wilkenfeld. Multi Agent Time Negotiations. Proc. of the *AAAI-91 Workshop on Cooperation among Heterogeneous Intelligent Systems*, Anaheim, California, July 1991.

344. S. Kraus and J. S. Rosenschein. The Role of Representation in Interaction: Discovering Focal Points among Alternative Solutions, Decentralized Artificial Intelligence, Volume 3, Elsevier Science Publishers, 1992 (invited address).
345. S. Kraus, M. Nirkhe and K. Sycara. Reaching agreements through argumentation: a logical model, Proceedings of the 12th International workshop on Distributed Computing and Artificial Intelligence, pp 233-248, Pittsburgh, USA. (Also was presented in AAAI-93 workshop on AI theories of Groups and Organizations: Conceptual and Empirical Research.), 1993.
346. S. Kraus and J. Wilkenfeld. The Updating of Beliefs in Negotiations Under Time Constraints with Uncertainty. Proceedings of the IJCAI-93 Workshop on Artificial Economics, 1993 - Chambry, France, pp 57-68. (Also presented in BISFAI-93.)
347. J. Elgot-Drapkin, D. Gordon, S. Kraus, M. Miller, M. Nirkhe and D. Perlis. Calibrating, Counting, Grounding, Grouping. Proc. of 1994 AAAI Fall Symposium on Control of the Physical World by Intelligent Agents, New Orleans, Nov 4-6, 1994.
348. M. Nirkhe, S. Kraus and D. Perlis. Thinking takes time: A modal active-logic for reasoning in time, BISFAI-95, 1995.
349. R. Schwartz and S. Kraus. Bidding Mechanisms for Data Allocation in Multi-Agent Environments, Proc. of ATAL-97, pp. 55-70, 1997.
350. O. Shehory, S. Kraus and O. Yadgar. Goal Satisfaction in large scale agent-systems: A transportation example. Proc. of ATAL-98, 1998.
351. A. Felner, R. Korf and S. Kraus. KBFS K-Best First Search BISFAI-99, 1999.
352. E. David and S. Kraus. Agents for Information Broadcasting. BISFAI-99, 1999.
353. C.V. Goldman, S. Kraus and O. Shehory. Agent strategies: for sellers to satisfy purchase orders, for buyers to select sellers, MAAMAW 2001.
354. M. Halamish and S. Kraus. Learning Users Interests for Providing Relevant Information, Proc. of ABIS, pp. 59-66, Hanover, Germany 2002.
355. S. Kraus, A. Kroner and L. Tsaban. IMAP - Intelligent Multimedia Authoring Tools for Electronic Publishing. In Proceedings of the Second International Conference on Adaptive Hypermedia and Adaptive Web-Based Systems AH 2002, pp 527-530, Malaga, Spain, May 2002.
356. O. Yadgar, S. Kraus and C. L. Ortiz Jr. Hierarchical organizations for real-time large-scale task and team environments. Proc. of AAMAS 2002: 1147-1148 (poster).
357. M. Hadad and S. Kraus. Combining temporal information by collaborative planning agents. In AAAI-02 Workshop on Planning with and for Multiagent Systems, 2002.
358. A. Rosenfeld, G. A. Kaminka and S. Kraus. A Study of Marginal Performance Properties in Robotic Teams. In Proceedings of AAMAS-04 Workshop on Coalition and Teams: Formation and Activity, July 2004.
359. D. Sarne and S. Kraus. The Dual Multi-Thread Two-Sided Search, Proc. of AMEC VI, 2004.
360. A. Rosenfeld, G. A. Kaminka and S. Kraus. Adaptive Robot Coordination using Interference Metrics. In Proceedings of AAMAS-04 Workshop on Learning and Evolution in Agent Based Systems, 2004.
361. A. Rosenfeld, G. A. Kaminka and S. Kraus. A Study of Marginal Performance Properties in Robotic Teams. In Proceedings of AAMAS-04 (Poster) pp. 1534-1535, 2004.
362. D. Sarne and S. Kraus. Cooperative Exploration in the Electronic Marketplace, Proc. of AAMAS 2005 (poster).
363. P. Paruchuri, D. Dini, M. Tambe, F. Ordonez and S. Kraus. Between collaboration and competition: An Initial Formalization using Distributed POMDPs, SASEMAS workshop, AAMAS-05, Utrecht, Netherlands (Best paper award), 2005.

364. Y. Gal, B. J. Grosz, S. Kraus, A. Pfeffer and S. Shieber. Colored Trails: A Formalism for Investigating Decision-making in Strategic Environments IJCAI'05 Workshop on Reasoning, Representation, and Learning in Computer Games, 2005.
365. P. Paruchuri, M. Tambe, F. Ordonez and S. Kraus. Randomizing Policies for Agents and Agent-Teams. Proceedings of the AI/Math Symposium '06, Florida, USA, 2006.
366. P. Bekkerman, S. Kraus and F. Ricci. Applying cooperative negotiation methodology to group recommendation problem, ECAI Workshop on Recommender systems, Riva del Garda, August 28- 29. 2006.
367. R. Meshulam, S. Reches, A. Yarden and S. Kraus. MLBP: MAS for Large-Scale Biometric Pattern Recognition. 3rd International Workshop on Safety and Security in Multiagent Systems (SASEMAS '06) Winner of Best Paper Award, 2006.
368. S. Reches, S. Talman and S. Kraus. A statistical decision-making model for choosing between multiple alternatives Authors. Proceedings of AAMAS 07, USA (short paper).
369. M. Chalamish, D. Sarne and S. Kraus. Mass Programmed Agents for Simulating Human Strategies in Large Scale Systems Authors. Proceedings of AAMAS 07, USA (short paper).
370. M. Chalamish and S. Kraus. AutoMed - An Automated Mediator for Bilateral Negotiations Under Time Constraints. Proceedings of AAMAS 07, USA (short paper).
371. P. Paruchuri, J. P. Pearce, M. Tambe, F. Ordonez and S. Kraus. An Efficient Heuristic for Security Against Multiple Adversaries in Stackelberg Games. AAAI Spring Symposium on Game and Decision-Theoretic Agents, GTDT '07.
372. R. Meshulam, S. Kraus and B. J. Grosz. The Use of Reputation and Gossip in Small Cooperative Group Activities. IAT 2007: 239-243. (short paper)
373. V. Shafran, G. Kaminka, S. Kraus and C. Goldman. Multidirectional Distributed Matchmaking. In Proceedings of the Seventh International Conference on Autonomous Agents and Multi-Agent Systems (AAMAS-2008). Estoril, Portugal, May 2008. (short paper)
374. R. Katz and S. Kraus. How Automated Agents Treat Humans and Other Automated Agents: An Experimental Study In Proceedings of the Seventh International Conference on Autonomous Agents and Multi-Agent Systems (AAMAS-2008). Estoril, Portugal, May 2008. (short paper)
375. E. Manistersky, R. Lin and S. Kraus. Understanding How People Design Trading Agents over Time. In Proceedings of the Seventh International Conference on Autonomous Agents and Multi-Agent Systems (AAMAS-2008). Estoril, Portugal, May 2008. (short paper)
376. N. Hazon, P. E. Dunne, S. Kraus and M. Wooldridge. How to Rig Elections and Competitions 2nd International Workshop on Computational Social Choice Liverpool, 3-5 September 2008.
377. N. Agmon, S. Kraus and G. Kaminka. Uncertainties in Adversarial Patrol, In Proceedings of the Eighth International Conference on Autonomous Agents and Multi-Agent Systems (AAMAS-2009) (extended abstract).
378. D. Erusalimchik, G. Kaminka and S. Kraus. Adaptive Game-Theoretic Multi-Robot Coordination Based on Resource Spending Velocity, In Proceedings of the Eighth International Conference on Autonomous Agents and Multi-Agent Systems (AAMAS-2009) (extended abstract).
379. T. Short, A. Rosenfeld and S. Kraus. Quickly Learning User Characteristics for Efficient Interruptability in Agent-User Collaborative Systems, MIMS09 workshop, AAMAS 2009.
380. A. Rosenfeld and S. Kraus. Modeling Agents through Bounded Rationality Theories, AGS workshop, AAMAS 2009.
381. R. Lin, S. Kraus, D. Tykhonov, K. Hindriks and C. M. Jonker. Supporting the Design of General Automated Negotiators. In Proceedings of the Second International Workshop on Agent-based Complex Automated Negotiations (ACAN'09). Budapest, Hungary, May 2009.

382. R. Lin and S. Kraus. Designing Automated Agents Capable of Efficiently Negotiating with People - Overcoming the Challenge, EUMAS, 2009.
383. R. Lin, Y. Oshrat and S. Kraus. Automated Agents that Proficiently Negotiate with People: Can We Keep People out of the Evaluation Loop? In Proceedings of the Third International Workshop on Agent-based Complex Automated Negotiations (ACAN'10). Toronto, Canada, May 2010.
384. G. Haim, Y. Gal, S. Kraus and Y. Blumberg. Learning Human Negotiation Behavior Across Cultures. Second International Working Conference on Human Factors and Computational Models in Negotiation (HuCom @ GDN 2010).
385. R. Lin, Y. Gev and S. Kraus. Facilitating Better Negotiation Solutions using AniMed. In Proceedings of the Fourth International Workshop on Agent-based Complex Automated Negotiations (ACAN'11), Taipei, Taiwan, May 2011.
386. J. Pita, R. John, R. Maheswaran, M. Tambe, R. Yang and S. Kraus, A Robust Approach to Addressing Human Adversaries in Security Games (Extended Abstract), Proc. of AAMAS 2012.
387. A. Frieder, R. Lin and S. Kraus. Agent-human Coordination with Communication Costs under Uncertainty (Extended Abstract), Proc. of AAMAS 2012.
388. S. Barrett, P. Stone, S. Kraus and A. Rosenfeld, Learning Teammate Models for Ad Hoc Teamwork, Proc. of ALA workshop, 2012.
389. E. David, E. Manisterski, S. Kraus, and N. R. Jennings. Efficient Complex Tasks Allocation within Agents Environment of Known capabilities, IAT 2012 (short paper).
390. C. Kang, C. Molinaro, S. Kraus, Y. Shavitt and V.S. Subrahmanian. Diffusion Centrality in Social Networks. ASONAM 2012: 558-564, 2012.
391. A. Azaria, A. Richardson and S. Kraus. Autonomous Agent for Deception Detection, in Proc. Of HAIDM (in AAMAS) 2013.
392. A. Azaria, A. Richardson, A. Elmalech, A. Rosenfeld, S. Kraus and D. Sarne. On Automated Agents Rationality, HAIDM (In AAMAS) 2013.
393. A. Azaria and S. Kraus. Advice Provision in Multiple Prospect Selection Problems, HAIDM (In AAMAS) 2013 (also appears as an extended abstract in AAAI 2013).
394. S Sina, S. Kraus and A. Rosenfeld. Social Narrative Adaptation using Crowdsourcing, 2013 Workshop on Computational Models of Narrative.
395. A. Azaria, A. Richardson and S. Kraus. Advice Provision in Multiple Prospect Selection Problems, RecSys 2013 (short paper).
396. A. Rosenfeld and S. Kraus. Argumentation Theory in the Field: An Empirical Study of Fundamental Notions, Frontiers and Connections between Argumentation Theory and Natural Language Processing workshop, 2014.
397. A. Azaria, S. Kraus, C.V. Goldman and Y. Gal. Advice Provision for Choice Selection Processes with Ranked Options, AAAI 2014 (short paper; also presented in HAIDM workshop in AAMAS 2014).
398. A. Azaria, A. Richardson and S. Kraus. An Agent for Deception Detection in Discussion Based Environments, AAMAS 2014 (short paper; also presented in HAIDM workshop in AAMAS 2013).
399. A. Rosenfeld and S. Kraus. Argumentation Theory in the Field - An Empirical Study of Fundamental Notions. In Proceedings of "Frontiers and Connections between Argumentation Theory and Natural Language Processing" Seminar , Bertinoro, Italy, July 2014.
400. A. Rosenfeld, O. Maksimov, S. Kraus and N. Agmon. Human-Multi-Robot Team Collaboration for Efficient Warehouse Operation, AAMAS workshop ARMS 2016.
401. A. Rosenfeld and S. Kraus. Strategical Argumentative Agent for Human Persuasion: A Preliminary Report, Frontiers and Connections between Argumentation Theory and Natural Language Processing Seminar (ArgNLP-16), Dagstuhl, Germany, April 2016.

402. A. Rosenfeld, O. Maksimov, S. Kraus and N. Agmon. Human-Multi-Robot Team Collaboration for Efficient Warehouse Operation, AAMAS workshop ARMS 2016.

**Non Refereed Papers (selected list) :**

403. S. Kraus and D. Lehmann. Automated Negotiator. TR 88-7 Leibniz Center for Computer Science, Hebrew University Jerusalem, May 1988.
404. S. Kraus and D. Perlis. Names and Non-Monotonicity. TR 88-84 Institute for Advanced Computer Studies, University of Maryland, CS 2140, November 1988.
405. S. Kraus and J. Wilkenfeld. Modeling a Hostage Crisis: Formalizing the Negotiation Process. TR 90-19 Institute for Advanced Computer Studies, University of Maryland, CS TR 2406, February, 1990
406. M. Harris, S. Kraus J. Wilkenfeld and E. Blake. GENIE: A Decision Support System for Generalized Negotiations, TR 91-157 Institute for Advanced Computer Studies, University of Maryland, CS TR 2800, November 1991.
407. J. Wilkenfeld and S. Kraus, A Strategic Model of Negotiation for Autonomous Agents, Proc. of NSF Coordination Theory and Collaboration Technology Workshop, Washington, DC, July 8-10, 1993.
408. T. Plotkin and S. Kraus. Categoricity of a set of axioms and databases' states description, Logic Colloquium 94, France, July 21-30, 1994.
409. J. Wilkenfeld, S. Kraus and K. Holley, The Negotiation Training Model, Proceedings of the International Simulation and Gaming Association Annual Meeting, Diputacion Provincial de Valencia, Spain, 1995.
410. J. Wilkenfeld, S. Kraus, T. E. Santmire, K. Holley and T. E. Santmire. Cognitive Structure and Crisis Decision Making, 37th Annual Meeting of the International Studies Association, San Diego CA, 1996.
411. M. Morreau and S. Kraus. Syntactical Treatments of Ideal Propositional Attitudes, Society for Exact Philosophy Meeting, Tennessee, October 1996.
412. T. E. Santmire, J. Wilkenfeld, S. Kraus, T. E. Santmire and K. Gleditsch. Cognitive Difference and Performance in International Crisis: An Experimental Design, 1997 Annual Meeting of American Political Science Association, Washington , DC, 1997.
413. T. E. Santmire, J. Wilkenfeld, S. Kraus, K. Holley, T. E. Santmire and K. Gleditsch. Differences in Cognitive Complexity Levels Among Negotiators and Crisis Outcomes 39th Annual Meeting of the International Studies Association, Minneapolis MN, March 18-21,1998.
414. J. Wilkenfeld, S. Kraus, T. E. Santmire and C. Frain. The role of mediation in conflict management: conditions for successful resolution, Annual Meeting of the International Studies Association, Washington DC, February 1999.
415. J. Wilkenfeld, S. Kraus, T. Santmire and C. Frain. Cognitive complexity and the mediation of international disputes. In Annual Meeting of the International Studies Association, Los Angeles, March 2000.
416. E. H. Durfee, S. Kraus, H. Nakashima and M. Tambe. Editorial: Special Issue on the International Conference on MultiAgent Systems 2000. Artificial Intelligence 142:95-97, December 2002.
417. S. Koenig, S. Kraus, M. P. Singh and M. Wooldridge. Report on the Fourth International Joint Conference on Autonomous Agents and Multiagent Systems. AI Magazine 27(1): 103-107, 2006.