

## Curriculum Vitae - Reuth Mirsky

### Professional Experience

- 2024-Present     Assistant Professor  
Teaching: Plan and Goal Recognition, Multi-agent Systems  
*Department of Computer Science, Tufts University*
- 2022-2024     Senior Lecturer (Assistant Professor)  
Teaching: Intro to HRI, Goal Recognition Seminar, Operating Systems, Intro to AI  
*Department of Computer Science, Bar Ilan University*
- 2019-2022     Postdoctoral Researcher  
*Department of Computer Science, University of Texas at Austin*

### Higher Education

- 2014-2019     Ph.D. – Software and Information Systems Engineering  
*Plan Recognition in Exploratory Settings. Advisor: Prof. Ya'akov Gal*  
*Ben-Gurion University (Be'er Sheva, Israel)*
- 2012-2014     M.Sc. – Software and Information Systems Engineering  
*Online Plan Recognition in Exploratory Environments. Advisor: Prof. Ya'akov Gal*  
*Ben-Gurion University (Be'er Sheva, Israel)*
- 2008-2011     B.Sc. – Computer Science  
*Ben-Gurion University (Be'er Sheva, Israel)*

### Honors and Awards

- 2020     Rising Stars in EECS, the University of California, Berkeley  
*Selected as one of the 2020 Electrical Engineering and Computer Science Rising Stars*
- 2017     Eric and Wendy Schmidt Foundation  
*Postdoctoral Award for Women in Mathematical and Computing Sciences*
- 2017     Israeli Ministry of Science, Technology and Space  
*Award for Leading Applied Research*
- 2016     Ben-Gurion University, Department of Software and Information System Engineering  
*Ph.D. Award for Research Achievements*
- 2014     Ben-Gurion University, Kreitman School of Advanced Graduate Studies  
*Pratt Scholarship for Research and Volunteering*
- 2013-2015     Ben-Gurion University, Department of Software and Information System Engineering  
*Extraordinary Teaching Assistant Award*

## Research Grants

- 2023-2025    Funding Agency: The Israeli Innovation Authority. Sole PI. Amount: 700,000 NIS (\$176,000)  
*Service Robots Handling of Intentional Blocks*
- 2022-2023    Funding Agency: The Israeli Innovation Authority. Sole PI. Amount: 790,000 NIS (\$247,000)  
*Service Robots Recognition of Intentional Blocks*
- 2024-2027    Funding Agency: NSF-BSF. With Xuesu Xiao (GMU) and Ross Mead (Semio). PI Amount: \$237,500  
*Culturally Adaptive Social Robot Navigation*  
\*\* NSF won, yet BSF could not be received due to moving abroad.

## Other Successful Grants and Fundraising

- 2023            Funding Opportunities for Promoting AI Research. Leading author as IJCAI D&I chair.  
*Request for funding for D&I Activities in IJCAI 2023*
- 2021            DARPA Shared Experience Lifelong Learning (ShELL). Assistance in writing as a postdoc.  
PIs: Prof. Eric Eaton (University of Pennsylvania), Prof. Peter Stone (University of Texas at Austin)  
*Collective Lifelong Learning by Distributed Agents*
- 2020            NSF Mind, Machine and Motor Nexus (M3X). Assistance in writing as a postdoc.  
PIs: Prof. Ashish Deshpande and Prof. Peter Stone (University of Texas at Austin)  
*Reinforcement Learning for Motor Training Curriculum Design with Robot Exoskeletons*
- 2019            ONR. Assistance in writing as a postdoc. PIs: Prof. Mohan Sridharan (Birmingham University),  
Prof. Stefano Albrecht (University of Edinburgh), Prof. Peter Stone (University of Texas at Austin)  
*Explainable reasoning, learning and ad hoc multiagent collaboration*
- 2016            Cyber Security Center at BGU. Assistance in writing as a Ph.D. student.  
PIs: Prof. Eyal Shimoni, Prof. Ariel Felner, Prof. Kobi Gal  
*Efficient Detection of Malicious Behaviors in Smartphones using Artificial Intelligence*

## Teaching

### *Department of Software and Information Systems Engineering at Ben-Gurion University*

- 2011            Introduction to Programming (TA)
- 2012-2019    Advanced Programming (TA)
- 2016-2018    Human-Computer Interfaces (TA)
- 2017            Advanced Programming

### *Department of Computer Science at Bar-Ilan University*

- 2022-2024    Introduction to Human-Robot Interactions
- 2022-2024    Goal and Plan Recognition Seminar
- 2023            Operating Systems
- 2023-2024    Introduction to Artificial Intelligence

*Department of Computer Science at Tufts University*

2024            Goal and Plan Recognition Seminar  
2025            Multi-Agent Systems

Thesis Committees

*Doctoral Committee Member*

2025            João Manuel Godinho Ribeiro (Francisco S. Melo, Tecnico Lisboa)  
2025            Yash Shukla (Jivko Sinapov, Tufts University)  
2024            Anand Ballou (Xavier Alameda-Pineda, Université Grenoble Alpes)  
Ongoing       Tali Malenboim (Robert Moskovitch, Ben-Gurion University)  
Ongoing       Shivam Goel (Jivko Sinapov, Tufts University)

*Masters Committee Supervisor*

2025            Michaela Levi-Richter (*Semantic Understanding of Stored Household Items for Service Robots*)  
2024            Einav Shpiro (*Recognition and Identification of Intentional Obstructions in Social Navigation*)  
2024            Yair Hanina (*Quantifying Human Rationality in Ad-Hoc Teamwork*)  
2023            Inbal Avraham (*Shared Control with Black Box Agents Using Oracle Queries*)

*Masters Thesis Reader*

2023            William Macke (Peter Stone, UT Austin)  
2021            Bharath Masetty (Ashish Deshpande, UT Austin; Peter Stone, UT Austin)

*Masters Committee Member*

2024            Stav Koren (David Sarne, Bar-Ilan University)  
2024            Or Bitton (Doron Friedman, Reichman University; Moshe Butman, Reichman University)  
2024            Shaked Almog (Meir Kalech, Ben-Gurion University)  
2023            Rivka Vizen (Gal Kaminka, Bar-Ilan University; Jeff Rosenschein, Hebrew University)  
2023            Lidor Alis (David Sarne, Bar-Ilan University)  
2023            Dror Levy (Sarit Kraus, Bar-Ilan University)  
2023            Noam Simon (David Sarne, Bar-Ilan University; Priel Levy, Bar-Ilan University)  
2022            Reut Asraf (David Sarne, Bar-Ilan University)  
2022            Gilad Fine (Noa Agmon, Bar-Ilan University)  
2022            Chen Rozenstein (David Sarne, Bar-Ilan University)

*Undergraduate Thesis Supervisor*

2023            Osher Elhadad and Matan Shamir (Honors Thesis)  
                  *Goal Recognition with Dynamic Goals*

*Undergraduate Thesis Reader*

2019            Moshe Hadad and Shay Hibah (Kobi Gal, Ben-Gurion University)

- 2016      *Physit: A Diagnosis and Troubleshooting Tool for Physiotherapists*  
Tal Bouhadana and Yuri Novosyolok (Kobi Gal, Ben-Gurion University)
- 2015      *A Collaborative Platform for Building a Pilates Workout Plan*  
Elad Assis and Idan Hayoon (Kobi Gal, Ben-Gurion University)
- An instructional GUI for learning DFAs*

## Memberships

- 2024-      American Association for Advancement of Science (AAAS)
- 2024-      Sigma Xi, The Scientific Research Honor Society
- 2023-      Institute of Electrical and Electronics Engineers (IEEE)
- 2022-      Association for Computing Machinery (ACM)
- 2022-2024      Israeli Association for Artificial Intelligence (IAAI) - *Audit Committee member*
- 2016-      Association for the Advancement of Artificial Intelligence (AAAI)

## Professional Activities

- Organizer      Theory of Mind for AI, as part of AAAI workshop program  
                    *ToM4AI'25*
- Ad Hoc Teamwork, as part of IJCAI workshop program  
                    *WAHT'22, WAHT'23*
- Rebellion and Disobedience in Artificial Intelligence, as part of AAMAS workshop program  
                    *RaD-AI'22, RaD-AI'23, RaD-AI'24, RaD-AI'25*
- Rebellious and Disobedient Agents in Human-Robot Interactions, as part of HRI workshop program  
                    *RaD-HRI'24*
- Human Interactive Robot Learning, as part of HRI workshop program  
                    *HIRL'22, HIRL'23, HIRL'24*
- Plan, Activity, and Intent Recognition, as part of AAAI workshop program  
                    *PAIR'17, PAIR'18, PAIR'19, PAIR'20, PAIR'21*
- The AAAI Spring Symposium on ML for Mobile Robot Navigation in the Wild  
                    *ML4NAV'21*
- The HRI workshop on applications for non-verbal HRI  
                    *nHRI'21*
- General Chair      The AAAI Fall Symposium on AI-HRI (2021)
- Program Chair      Technological Advances in Human-Robot Interactions (TAHRI) symposium (2024)
- Guest Editor      Frontiers of Artificial Intelligence - special issue on Plan and Goal Recognition (2022)
- Transactions on Human-Robot Interactions (THRI) - special issue on AI-HRI (2023)
- Moderator      [arXiv cs.AI](#) category moderator

D&I Chair	International Conference on Automated Planning and Scheduling (ICAPS'25) International Joint Conference on AI (IJCAI'23)
Emerging Trends Chair	AAAI Conference on Artificial Intelligence (AAAI'26)
Mentoring Chair	Multi-disciplinary Conference on Reinforcement Learning and Decision Making (RLDM'25)
Session Chair	The International Joint Conference on AI (IJCAI'21) Autonomous Agents and MultiAgent Systems (AAMAS'23)
SPC	European Conference on Artificial Intelligence (ECAI) PC Artificial Intelligence (AIJ), Journal of Artificial Intelligence Research (JAIR), IEEE Transactions on Robotics (T-RO), Robotics and Autonomous Systems (RAS), IEEE Robotics and Automation Letters (RA-L), International Joint Conference on Artificial Intelligence (IJCAI), AAAI Conference on Artificial Intelligence (AAAI), Autonomous Agents and MultiAgent Systems (AAMAS), IEEE International Conference on Robotics and Automation (ICRA), IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS), Conference on Robot Learning (CoRL), European Conference on Artificial Intelligence (ECAI), European Conference on Multi-Agent Systems (EUMAS), ACM Symposium on Applied Computing (SAC), Distributed Artificial Intelligence (DAI), International Symposium on Multi-Robot and Multi-Agent Systems (MRS)

## Invited Talks

2025	IJCAI New Faculty Highlight Talk
2025	Future of Life Institute - Existential Safety Talk
2025	Invited Talk at Future Leaders in Robotics and AI Seminar at Maryland Robotics Center
2025	AAAI New Faculty Highlight Talk
2024	Invited Talk at AI Week Israel
2024	Invited Talk at New-Tech: Robotics and Automation
2024	Invited Talk at Cornell Robotics Seminar
2024	Invited Talk at the Tel-Aviv University Machine Learning Symposium
2024	Invited Talk at The International Symposium on Artificial Intelligence and Mathematics (ISAIM)
2023	Keynote at "Goal-directed Reinforcement Learning" workshop, as part of NeurIPS
2023	Keynote at "The Imperfectly Relatable Robot: An Interdisciplinary workshop on the role of failure in HRI," as part of HRI ( <i>Desired Failures and Intelligent Disobedience</i> )
2023	General Motors Israel - Invited Research Seminar ( <i>Implicit Communication for Collision Avoidance</i> )
2022	Creative Collaborations #2: Art, Design, and HRI ( <i>Implicit Communication in Social Navigation</i> )

## Outreach

- 2024 [QueenB](#) organization, Academic Month opening talk
- 2022 [Women in Data Science \(WiDS\) Israel](#) organization, mentor in the WiDS mentoring program
- 2022 [Osher Lifelong Learning Institute at UT Austin](#), public talk: *Constructing a Seeing-eye Robot*
- 2021 [Orientation+Mobility Association Australia](#) (OMAA), public talk: *Constructing a Seeing-eye Robot*
- 2021 [Rutgers University](#), REU Invited Seminar, public talk: *Constructing a Seeing-eye Robot*
- 2021 [Texas State University](#), REU Invited Seminar, public talk: *Constructing a Seeing-eye Robot*
- 2021 [Shift](#): organization, public talk, *Informal talk about AI*
- 2020 [she-codes](#): organization, public talk, *Constructing a Seeing-eye Robot*
- 2018 [Reversim](#), public talk, *I did a PhD in Computer Science in Order to Work with Human Beings*
- 2018 [she-codes](#): organization, public talk, *The Evolution of AI*
- 2016-2019 [she-codes](#): organization, head of the grant writing team
- 2014-2016 [First Hug](#), the association for abandoned babies, volunteer as a first hugger
- 2007-2008 [Israel Guide Dog Center](#), puppy raiser

## Publications

### Books

1. **Mirsky, R.**, Keren, S, Geib, C. *Introduction to Symbolic Plan and Goal Recognition*. Synthesis Lectures on Artificial Intelligence and Machine Learning. Morgan & Claypool. 2021. [Link to book](#)

### Journal Papers

1. **Mirsky, R.**, 2025. *Artificial intelligent disobedience: Rethinking the agency of our artificial teammates*. AI Magazine 46: e70011. [Link to article](#)
2. Francis, A., Pérez-d'Arpino, C., Li, C., Xia, F., Alahi, A., Alami, R., ... & Martín-Martín, R. (2025). *Principles and guidelines for evaluating social robot navigation algorithms*. ACM Transactions on Human-Robot Interaction, 14(2), 1-65. [Link to article](#)
3. **Mirsky, R.**, Xiao, X., Hart, J., Stone, P. *Conflict Avoidance in Social Navigation - a Survey*. ACM Transactions on Human-Robot Interaction 13, no. 1 (2024): 1-36. [Link to article](#)
4. Ghonasgi, K., **Mirsky, R.**, Bhargava, N., Haith, A., Stone, P., Deshpande, D. 2023. *Kinematic Coordinations Capture Learning during Human–Exoskeleton Interaction*. Nature Sci Rep 13, 10322. (IF: 4.996; Q1) [Link to article](#)
5. **Mirsky, R.**, Galun, R., Gal, Y., Kaminka, G. 2022. *Comparing Plan Recognition Algorithms through Standard Plan Libraries*. Frontiers of Artificial Intelligence. 4:732177. doi: 10.3389/frai.2021.732177 [Link to article](#)
6. **Mirsky, R.** and Hibah, S. and Hadad, M. and Gorenstein, A. and Kalech, M. 2020. *PhysIt: A Diagnosis and Troubleshooting Tool for Physiotherapists in Training*. Diagnostics. (IF: 3.11; Q1) [Link to article](#)
7. **Mirsky, R.** and Stern, R. and Gal, Y. and Kalech, M. 2019. *Goal and Plan Recognition Design using Plan Libraries*. ACM Transactions on Intelligent Systems and Technology. (IF 2.414; Q1) [Link to article](#)
8. **Mirsky, R.** and Gal, Y. and Stern, R. and Kalech, M. 2018. *Sequential Plan Recognition: An Iterative Approach to Disambiguating Hypotheses*. Artificial Intelligence. (IF 3.333; Q1) [Link to article](#)
9. **Mirsky, R.** and Gal, Y. and Shieber, S. 2017. *CRADLE: An Online Plan Recognition Algorithm for Exploratory Domains*. ACM Transactions on Intelligent Systems and Technology. (IF 2.414; Q1) [Link to article](#)
10. Uzan, O. and **Dekel, R.** and Seri, Or and Gal, Y. 2015. *Plan Recognition and Visualization in Exploratory Learning Environments using Interleaved Temporal Search*. AI Magazine. (IF 0.96; Q3). [Link to article](#)

### Conference Papers

1. Shamir, M. and **Mirsky, R.** *GRAML: Dynamic Goal Recognition as Metric Learning*. 2025. International Joint Conference on Artificial Intelligence, IJCAI. (Acceptance rate: 17.6%) [Link to article](#)
2. **Best Paper Award** Avraham, I. and **Mirsky, R.** *Shared Control with Black Box Agents using Oracle Queries*. 2025. IEEE International Conference on AI and Data Analytics, ICAD. [Link to article](#)
3. Amitay, Y., **Mirsky, R.** and Amir, O. *Gap the (theory of) Mind: Sharing Beliefs About Teammates' Goals*

- Boosts Collaboration Perception, Not Performance*. 2025. IEEE International Conference on AI and Data Analytics., ICAD.
4. Amado, L., Paster, S., Fraga Pereira, R., **Mirsky, R.** and Meneguzzi, F. *A Survey on Model-Free Goal Recognition*. 2024. International Joint Conference on Artificial Intelligence, IJCAI. (Acceptance rate 21%)
  5. Shapiro, E. and **Mirsky, R.** *Recognition and Identification of Intentional Obstruction in Social Navigation*. 2024. Technological Advancements of Human-Robot Interactions, TAHRI.
  6. Mannem, S., Macke, W., Stone, P. and **Mirsky, R.** *Exploring the Cost of Interruptions in Human-Robot Teaming*. 2023. IEEE-RAS International Conference on Humanoid Robots, Humanoids.
  7. Ghonasgi, K., **Mirsky, R.**, Haith, A., Stone, P., Deshpande, D. 2023. *A Novel Control Law for Multi-joint Human-Robot Interaction Tasks While Maintaining Postural Coordination*. IEEE/RSJ International Conference on Intelligent Robots and Systems, IROS.
  8. Xu, Z., Zhang, Y., Shperberg, S., **Mirsky, R.**, Jiang, Y., Liu, B. Stone, P. 2023. *Model-Based Meta Automatic Curriculum Learning*. Conference on Lifelong Learning Agents, CoLLA.
  9. **Mirsky, R.**, Carlucho, I., Rahman, M.A., Fosong, E., Macke, W., Sridharan, M., Stone, P., Albrecht, S.V.. 2022. *A Survey of Ad Hoc Teamwork: Definitions, Methods, and Open Problems*. The 19th European Conference on Multi-Agent Systems, EUMAS (Acceptance rate 67%). [Link to article](#)
  10. Ghonasgi, K., **Mirsky, R.**, Haith, A., Stone, P., Deshpande, A. 2022. *Quantifying Changes in Kinematic Behavior of A Human-Exoskeleton Interactive System*. IEEE/RSJ International Conference on Intelligent Robots and Systems, IROS (Acceptance rate 48%). [Link to article](#)
  11. Amado, L., **Mirsky, R.**, Meneguzzi, F. 2022. *Goal Recognition as Reinforcement Learning*. The 36th AAAI Conference on AI (Acceptance rate 15%). [Link to article](#)
  12. Ghonasgi, K., **Mirsky, R.**, Narvekar, S., Masetty, B., Haith, A., Stone, P., Deshpande, A. 2021. *Capturing Skill State in Curriculum Learning for Human Skill Acquisition*. IEEE/RSJ International Conference on Intelligent Robots and Systems, IROS (Acceptance rate 45%). [Link to article](#)
  13. **Mirsky, R.** and Stone, P. 2021. *The Seeing-Eye Robot Grand Challenge: Rethinking Automated Care*. Proceedings of the International Foundation for Autonomous Agents and Multiagent Systems (Acceptance rate 28%). [Link to article](#)
  14. Macke, W. and **Mirsky, R.** and Stone, P. 2021. *Expected Value of Communication for Planning in Ad Hoc Teamwork*. The 35th AAAI Conference on AI (Acceptance rate 21%). [Link to article](#)
  15. Hart, J., **Mirsky, R.**, Xiao, X., Tejeda, S., Mahajan, B., Goo, J., Baldauf, K., Owen, S., Stone, P. 2020. *Using Human-Inspired Signals to Disambiguate Navigational Intentions*. International Conference on Social Robotics. ICSR. (Acceptance rate 25%). [Link to article](#)
  16. **Mirsky, R.** and Macke, W. and Wang, A. and Yedidsion, H. and Stone, P. 2020. *A Penny for Your Thoughts: The Value of Communication in Ad Hoc Teamwork*. International Joint Conference on Artificial Intelligence, IJCAI. (Acceptance rate 12.6%) [Link to article](#)
  17. **Mirsky, R.** and Gal, Y. 2016. *SLIM: A Semi-Lazy Inference Plan Recognition for Plan Recognition*.



- International Joint Conference on Artificial Intelligence, IJCAI. (Acceptance rate 24%) [Link to article](#)
18. **Mirsky, R.** and Gal, Y. and Stern, R. and Kalech, M. 2016. *Sequential Plan Recognition Process*. International Joint Conference on Artificial Intelligence, IJCAI. (Acceptance rate 24%) [Link to article](#)
  19. Uzan, O. and **Dekel, R.** and Gal, Y. 2013. *Plan Recognition for ELEs Using Interleaved Temporal Search* – Artificial Intelligence in Education, AIED. (Acceptance rate 25%). [Link to article](#)

## Tutorials and Demos

1. Keren, S. and **Mirsky, R.** and Geib, C. 2019. *Plan, Activity and Intent Recognition*. Tutorial in Association for the Advancement of Artificial Intelligence, AAAI. [Link to slides](#)
2. **Mirsky, R.** and Cohavi, O. and Bistrisky, A. and Levy-Tzedek, S. 2019. *Hebrew Conversational Bot Enhancement for Rehabilitation Robot*. Demo track on Israeli HCI Conference, IsraHCI.

## Other Publications

1. Levi-Richter, M., Glickman, O., **Mirsky, R.** 2025. *Commonsense Storage Reasoning in Domestic Scenes: A Challenge for Vision-Language Models*. IJCAI workshop on Multimodal Knowledge and Language Modeling (MKLM).
2. Godhwani, K., Parker, A., Taylor, M., Yeoh, W., **Mirsky, R.** 2025. *Towards Spontaneous Cooperation in Multi-Agent Reinforcement Learning using Explicit Goal Recognition*. RLC workshop on Coordination and Cooperation in Multi-Agent Reinforcement Learning (CoCoMARL).
3. Elhadad, O. and **Mirsky, R.** *General Dynamic Goal Recognition*. 2025. AAAI workshop on Generalization in Planning (GenPlan).
4. **Mirsky, R.**, Taylor, M.E., Yeoh, W., *I Know What You Did Last Summer (and I Can Predict What You're Trying to do Now): Incorporating Theory of Mind into Multi-agent Reinforcement Learning*. 2025. AAAI workshop on Theory of Mind of AI (ToM4AI).
5. Shpiro, E. and **Mirsky, R.**, *Handling Intentional Obstructions in Social Navigation using Foundation Models*. 2024. Unsolved Problems in Social Robot Navigation workshop at the Robotics: Science and Systems Conference (RSS).
6. Shamir, M., Elhadad, O., Taylor, M.E. and **Mirsky, R.** *ODGR: Online Dynamic Goal Recognition*. 2024. Finding the Frame workshop at the 1st Reinforcement Learning Conference (RLC).
7. Rachum, R. and Nakar, Y. and Tomlinson, B. and Alon, N. and **Mirsky, R.** 2024. *Emergent Dominance Hierarchies in Reinforcement Learning Agents*. Extended abstract at the International Conference on Autonomous Agents & Multiagent Systems, AAMAS.
8. Shamir, M., Elhadad, and **Mirsky, R.** *Edge: Ensemble methods for dynamic goal estimation*. 2024. Workshop on Ad-Hoc Teamwork (WAHT) as part of the AAAI Conference on AI.
9. Xiao, X., Mead, R. and **Mirsky, R.** “*Bi-cultural Investigation of Collisions in Social Navigation*” 2023. The

10th AI-HRI AAAI fall symposium.

10. Hauser, E. Chan, Y. C., Hemkumar, G., Dua, D., Chonkar, P., Mendoza Enriquez, E., Kao, T., Gupta, S., Wang, H., Hart, J., **Mirsky, R.**, Biswas, J., Jiao, J. and Stone, P. *"What's That Robot Doing Here?": Factors Influencing Perceptions Of Incidental Encounters With Autonomous Quadruped Robots*. 2023. First International Symposium on Trustworthy Autonomous Systems (TAS).
11. Mannem, S., Macke, W., Stone, P. and **Mirsky, R.** *Exploring the Cost of Interruptions in Human-Robot Teaming*. 2023. AAMAS workshop Rebellion and Disobedience in AI (RaD-AI). **\*\*Best Paper Award\*\***
12. Rachum, R., Nakar, Y., and **Mirsky, R.** *Stubborn: An Environment for Evaluating Stubbornness between Agents with Aligned Incentives*. 2023. AAMAS workshop Rebellion and Disobedience in AI (RaD-AI).
13. Francis, A., Perez-D'Arpino, C. Li, C., Xia, F., Alahi, A., Bera, A., Biswas, A., Biswas, J., Chiang H.T., Everett, M., Ha, S., Hart, J., Karnan, H., Lee, T.W., Manso, L., **Mirsky, R.** Pirk, S., Singamaneni, P.T., Stone, P., Taylor, A., Trautman, P., Tsoi, N., Vazquez, M. Xiao, X., Xu, P., Yokoyama, N., Martin-Martin, R. and Toshe, A. *Benchmarking Social Robot Navigation Across Academia and Industry*. 2023. HRI in Academia and Industry: Bridging the Gap, AAAI Spring Symposium.
14. **Mirsky, R.**, Shperberg, S., Zhang, Y., Xu, Z., Jiang, Y., Cui, J. Stone, P. *Task Factorization in Curriculum Learning*. 2022. Decision Awareness in Reinforcement Learning Workshop at ICML (DARL).
15. Xu, Z., Zhang, Y., Shperberg, S., **Mirsky, R.**, Jiang, Y., Lio, B., Stone, P. *Model-Based Meta Automatic Curriculum Learning*. 2022. Decision Awareness in Reinforcement Learning Workshop at ICML (DARL).
16. Chonkar, P., Hemkumar, G., Wang, H., Dua, D., Gupta, S., Chan, Y. C., Hart, J., Hauser, E., **Mirsky, R.**, Biswas, J., Jiao, J., Stone, P. *Look to my Lead: Pedestrian Perceptions of a Quadruped Robot*. 2022. ICRA workshop on Social Robot Navigation: Advances and Evaluation.
17. Amado, L., **Mirsky, R.**, Meneguzzi, F. *Goal Recognition as Reinforcement Learning*. 2022. ICAPS workshop on Bridging the Gap Between AI Planning and Reinforcement Learning (PRL).
18. Vered, M., **Mirsky, R.**, Fraga Pereira, R., Meneguzzi, F. *Editorial: Advances in Goal, Plan and Activity Recognition*. 2022. Frontiers in Artificial Intelligence. [Link](#)
19. Amado, L., **Mirsky, R.**, Meneguzzi, F. *Learning Goal Recognition Models using Human Examples*. 2022. The Human-Interactive Robot Learning (HIRL) workshop at HRI [Link](#)
20. Xiao, X., Hart, J., **Mirsky, R.** and Stone, P. *Social Navigation Studies at UT Austin*. 2022. [The Social Navigation Symposium](#).
21. **Mirsky, R.** and Stone P. *Intelligent Disobedience and AI Rebel Agents in Assistive Robotics*. 2021. ASIMOV Workshop at the International Conference of Social Robotics, ICSR.
22. Hart, J., **Mirsky, R.**, Xiao, X., Stone, P. *Incorporating Gaze into Social Navigation*. 2021. RSS Workshop on Social Robot Navigation.
23. Hanina, Y., **Mirsky, R.**, Macke, W., & Stone, P. *Quantifying Human Rationality in Ad-hoc Teamwork*. AAMAS workshop on Autonomous Robots and Multirobot Systems (ARMS 2022), Online, May 2022.

24. Suriadinata, J., Macke, W., **Mirsky, R.**, Stone P. *Reasoning about Human Behavior in Ad-Hoc Teamwork*. 2021. Human-AI Collaboration in Sequential Decision-Making workshop in the International Conference on Machine Learning, ICML.
25. Masetty, B., **Mirsky, R.**, Deshpande, A., Mauk, M., Stone, P. *Is the Cerebellum a Model-Based Reinforcement Learning Agent?*. 2021. Adaptive and Learning Agents workshop in the International Conference on Autonomous Agents & Multiagent Systems, AAMAS.
26. Suriadinata, J., Macke, W., **Mirsky, R.**, Stone P. *Reasoning about Human Behavior in Ad-Hoc Teamwork*. 2021. Adaptive and Learning Agents workshop in the International Conference on Autonomous Agents & Multiagent Systems, AAMAS.
27. Macke, W., **Mirsky, R.**, Stone, P. *Expected Divergence Point of Plans in Ad Hoc Teamwork*. 2020. Cooperative-AI workshop in the Conference on Neural Information Processing Systems, NeurIPS.
28. Ghonasgi, K., **Mirsky, R.**, Masseti, B., Narvekar, S., Haith, A., Deshpande, A., Stone, P. *Leveraging Reinforcement Learning for Human Motor Skill Acquisition*. 2020. Human-Friendly Robotics, HFR.
29. Ghonasgi, K., **Mirsky, R.**, Masseti, B., Narvekar, S., Haith, A., Deshpande, A., Stone, P. *Leveraging Reinforcement Learning for Human Motor Skill Acquisition*. 2020. Social AI for Human-Robot Interactions of Human-Care Service Robots in the International Conference of Intelligent Robots and Systems, IROS.
30. Macke, W., **Mirsky, R.**, Stone, P. 2020. *Query Content in Sequential One-shot Multi-Agent Limited Inquiries when Communicating in Ad Hoc Teamwork*. Distributed Multi-Agent Planning (DMAP) workshop in the International Conference on Automated Planning and Scheduling, ICAPS. [Presentation](#)
31. **Mirsky, R.** and Macke, W. and Wang, A. and Yedidsion H. and Stone, P. 2020. *Value of Communication in Ad Hoc Teamwork*. Plan, Activity and Intention Recognition (PAIR) workshop on Association for the Advancement of Artificial Intelligence, AAAI.
32. Hart, J. and **Mirsky, R.** and Tejeda, S. and Mahajan, B. and Goo, J. and Baldauf, K. and Owen, S. and Stone, P. 2019. *Unclogging Our Arteries: Using Human-Inspired Signals to Disambiguate Navigational Intentions*. AAAI Fall Symposium on Artificial Intelligence for Human-Robot Interaction.
33. **Mirsky, R.** and Shalom, Y. and Majadly, A. and Gal, Y. and Puzis, R. and Felner, A. 2019. *New Goal Recognition Algorithms using Attack Graphs*. International Symposium on Cyber Security Cryptology and Machine Learning, CSCML.
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