Curriculum Vitae

Personal Details

Full Name	Saar Cohen
ID Number	318228178
Address	Kalisher 7, Holon
Telephone	052-6617918
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Year of Birth	1997 (Israel)

Education and Academic Achievements

2021 – present – Bar-Ilan University – Ph.D. candidate in Computer Science
"Coalition Formation in Sequential Decision-Making under Uncertainty", under the supervision of Prof. Noa Agmon.

2018 – 2021 – Bar-Ilan University – M.Sc. in Computer Science
"Spatial Consensus Prevention in Robotic Swarms", under the supervision of Prof. Noa Agmon. Thesis grade: 98.

2013-2017 – Tel-Aviv University – B.Sc. in Mathematics:
with specialization in Computer Science.

Reviewing and Volunteering Activities

2023 – Volunteer – AAAI'23 (**Upcoming**): The 37th AAAI Conference on Artificial Intelligence, 2023.

2022 – Reviewer – AAAI'23: The 37th AAAI Conference on Artificial Intelligence, 2023.

2022 – Reviewer – ICRA'23: IEEE International Conference on Robotics and Automation, 2023.

2021 – Reviewer – AAMAS'22: The 21th International Conference on Autonomous Agents and Multiagent Systems, 2022.

2021 – Reviewer – IEEE Transactions on Robotics (T-RO).

2021 – Volunteer – IJCAI '21: Proceedings of the international Joint Conference on Artificial Intelligence, 2021.

2021 – Volunteer – AAMAS'21: Proceedings of the 20th International Conference on Autonomous Agents and Multiagent Systems, 2021.

Publications

Journals

Saar Cohen and Noa Agmon. ***Recent Advances in Formations of Multiple Robots***. Current Robotics Reports 2, 159–175 (2021). (**Published**)

Conferences

Saar Cohen and Noa Agmon. ***Online Coalitional Skill Formation.*** In AAMAS'23: the 22th International Conference on Autonomous Agents and Multiagent Systems, 2023. (**Accepted**)

Saar Cohen and Noa Agmon. ***Complexity of Probabilistic Inference in Random Dichotomous Hedonic Games.*** In AAAI '23: In Proceedings of the 37th AAAI Conference on Artificial Intelligence, 2023. (**Accepted**)

Saar Cohen and Noa Agmon. ***Optimizing Multi-Agent Coordination via Hierarchical Graph Probabilistic Recursive Reasoning.*** In AAMAS'22: the 21th

International Conference on Autonomous Agents and Multiagent Systems, 2022. (**Published**)

Saar Cohen and Noa Agmon. ***Convexified Graph Neural Networks for Distributed Control in Robotic Swarms.*** In IJCAI '21: Proceedings of the international Joint Conference on Artificial Intelligence, 2021. (**Published**)

Saar Cohen and Noa Agmon. ***On The (Im)possibility of Leading a Swarm to a Desired Consensus in Static and Dynamic Settings***. In DARS/SWARM '21: Proceedings of the 4th International Symposium on Swarm Behavior and Bio-Inspired Robotics, 2021. (**Published**)

Saar Cohen and Noa Agmon. ***Spatial Consensus-Prevention in Robotic Swarms***. In AAMAS'21: Proceedings of the 20th International Conference on Autonomous Agents and Multiagent Systems, 2021. (**Published**)

Languages
- Hebrew
- English