

## **Nomination for the IFAAMAS Board: Noa Agmon**

### **Background:**

Noa Agmon is a Full Professor in the Department of Computer Science at Bar-Ilan University, Israel. She received her Ph.D. from Bar-Ilan University under the supervision of Prof. Sarit Kraus and Prof. Gal A. Kaminka, after completing postdoctoral research at the University of Texas at Austin with Prof. Peter Stone. She has been contributing to the Agents and Multiagent Systems community for over two decades, with work spanning multi-robot and multi-agent systems, adversarial reasoning, and distributed coordination. Her main research focuses on strategic decision making by robots and agents, including multi-robot mission planning, patrolling, and swarm coordination, with a strong emphasis on translating theoretical multi-agent models into realistic robotic systems such as UAV/UGV teams and large-scale robotic swarms. Over the years, she has authored numerous papers in leading venues such as AAMAS, IJCAI, AAI, IROS, ICRA, JAIR, and her work has been recognized with several distinctions and recent election as a EurAI Fellow.

### **Service to AAMAS and other AI communities:**

Noa Agmon was Program Co-Chair of AAMAS'19 and General Co-Chair of AAMAS'23, and has served as Co-Chair of AAMAS'26 Tutorials and of several AAMAS tracks (Doctoral Consortium, Innovative Applications, Demonstrations, and Robotics), as well as Senior PC and Area Chair for AAMAS, IJCAI, and ECAI. She has also held leadership roles in other major AI conferences, including serving as Associate PC Chair of IJCAI'23, Co-Chair of the AAI'26 New Faculty Highlights Track, Co-Chair of ECAI'24 Workshops, and Co-Chair of the AAI'24 and AAI'25 Demonstration Tracks. She served on the IFAAMAS Board of Directors (2016–2022), has been a long-standing organizer of the AAMAS ARMS workshop, and has co-chaired multiple AAMAS and AAI workshops. She has also served as Associate Editor of IEEE T-RO, on the Editorial Boards of JAIR and JAAMAS, and on multiple grant review committees.

### **Issues of Interest:**

If elected to the Board, I would aim to support the continued development of AAMAS as a vibrant and influential community within AI, while helping it adapt to the evolving research landscape. I am particularly interested in fostering deeper interaction between the multi-agent community and adjacent fields such as robotics, control, and embodied AI, and in encouraging a productive dialogue between foundational research and real-world applications.

I also care about broadening participation in AAMAS and ensuring that the conference remains welcoming, high-quality, and intellectually central for researchers working on autonomous agents and multi-agent systems, including by supporting initiatives such as AAMAS-affiliated student competitions, challenge problems, or hands-on training events that engage students and young researchers around core multi-agent themes.

More information: <https://u.cs.biu.ac.il/~agmon/>