

## Nomination for IFAAMAS Board: Hadi Hosseini

**Bio.** Hadi Hosseini is an Assistant Professor in the College of Information Sciences and Technology at the Pennsylvania State University, USA. He received his Ph.D. in Computer Science from the University of Waterloo (Canada), where he also worked as an instructional developer at the Centre for Teaching Excellence, and was subsequently a postdoctoral research fellow at Carnegie Mellon University, USA. His research interest lies at the interface of artificial intelligence and economics, focusing primarily on algorithmic mechanism design, fair division, matching theory, and computational social choice. Hadi is a recipient of the government of Canada's NSERC fellowship and UW's Exceptional Teaching Award. He is the founder of [MatchU.ai](https://www.matchu.ai), a not-for-profit publicly available platform that blends education and research by offering an interactive framework for socially desirable decision-making. He is currently an Associate Director of the Center for Artificial Intelligence Foundations and Engineered Systems (CAFE) at Penn State.

More information can be found at: <https://faculty.ist.psu.edu/hadi/>

**Service to the AAMAS and AI Communities.** Hadi has been an active member of the AAMAS community since his first attendance in 2014. Since then, he has published several AAMAS and JAAMAS papers (2014, 2015, 2016, 2018, 2019, 2022), reviewed dozens of papers for AAMAS and JAAMAS since 2015, and served as a program committee (PC) member (2016–2021) and a senior program committee (SPC) member (2021–Now). He was selected as one of the **best PC members** of AAMAS 2018.

Hadi has co-chaired the AAMAS workshop on Games, Agents, and Incentives (GAIW) in 2020, 2021, and 2022, and co-organized relevant tutorials on Mechanism Design Without Money at IJCAI-2021 and AAMAS-2022. Hadi also serves the AAMAS community in other prominent AI venues such as AAI (SPC since 2020; PC since 2015) and IJCAI (SPC since 2021; PC since 2016), and is a frequent reviewer for Journal of Artificial Intelligence Research (JAIR), Artificial Intelligence Journal (AIJ), Journal of ACM Transactions on Economics and Computational (TEAC), and Journal of Agents and Multiagent Systems (JAAMAS). He has published dozens of papers in these AI venues focusing on computational social choice and mechanism design.

**Issues to Focus.** With perpetual passion for promoting AAMAS-related topics within various stages and levels (from K-12 to postgraduate), I plan to focus on the following issues:

- Broadening the participation of undergraduate students: My goal is to a) encourage engagement of early undergrad students, particularly from underrepresented groups and b) familiarize students with AAMAS research as one of the most important communities in AI, which could in turn provide a steady input of students into PhD programs to AAMAS-related topics. To do so, I plan on 1) promoting an undergraduate research consortium, 2) lowering the entrance costs (registration fees or social/academic barriers) for junior students.
- Promoting AAMAS education: Despite the importance of agents and multiagent systems in today's AI systems, the pedagogical tools for teaching multiagent systems has remained limited in various levels (e.g. undergraduate curricula and K-12). I plan to promote activities related to the creation, dissemination, and assessment of such educational activities (e.g. by providing support for AAMAS-related educational videos and/or competitions; by introducing new awards).