Nomination for the IFAAMAS Board: Yevgeniy Vorobeychik

Background: Yevgeniy (Eugene) Vorobeychik is an Associate Professor of Computer Science & Engineering at Washington University in Saint Louis. Previously, he was an Assistant Professor of Computer Science at Vanderbilt University. Between 2008 and 2010 he was a post-doctoral research associate at the University of Pennsylvania Computer and Information Science department. He received Ph.D. (2008) and M.S.E. (2004) degrees in Computer Science and Engineering from the University of Michigan, and a B.S. degree in Computer Engineering from Northwestern University. His work focuses on game theoretic modeling of security and privacy, adversarial machine learning, algorithmic and behavioral game theory and incentive design, optimization, agent-based modeling, complex systems, network science, and epidemic control. Dr. Vorobeychik received an NSF CAREER award in 2017, and was invited to give an IJCAI-16 early career spotlight talk. He also received several Best Paper awards, including one of 2017 Best Papers in Health Informatics and AMIA 2019 Distinguished Paper Award. He was nominated for the 2008 ACM Doctoral Dissertation Award and received honorable mention for the 2008 IFAAMAS Distinguished Dissertation Award.

For more information, see his website: http://vorobeychik.com.

Service to AAMAS and AI Communities: Eugene has been an active member of the AAMAS and broader AI community since 2008. He has attended the AAMAS conference almost annually, and has served on the conference organization and/or program committee every year since 2008, including as a PC member, a SPC, and, in 2020, as an Area Chair, as well as a scholarship co-chair (AAMAS '17) and webmaster (AAMAS '18). He has also been active in conference organization and program committees of AAAI and IJCAI, as PC and SPC of both since 2008, as an Area Chair for AAAI 2020, and a tutorials co-chair in IJCAI 2016. In 2019, he was a Program Co-Chair for GameSec. Additionally, he has co-organized a number of workshops on security and game theory in AAMAS and AAAI, and reviewed for top AI/ML journals, including JAIR, AIJ, MLJ, JMLR, and JAAMAS. Finally, he served on the editorial board of Artificial Intelligence Review between 2017 and 2020.

Goals: My goal is to broaden the reach of the AAMAS conference and community. Specifically, my own research bridges game theory, multiagent systems, and adversarial machine learning. I hope to increase the interest among premier researchers interested in adversarial learning in the AAMAS community, and, vice-versa, further increase the interest in the topic of adversarial learning among AAMAS community members. Some of my efforts in doing the latter have been to present a tutorial on Adversarial ML at AAAI and AAMAS. Furthermore, I will act as an ambassador to security of ML researchers no behalf of the AAMAS community. In addition, I would like to connect the AAMAS subcommunity interested in election control with the security community that works on election security.