

Harry Asada

H. Harry Asada is Ford Professor of Mechanical Engineering and Director of the Brit and Alex d'Arbeloff Laboratory for Information Systems and Technology in the Department of Mechanical Engineering, Massachusetts Institute of Technology (MIT), Cambridge, MA. He specializes in robotics, system dynamics and control, and biomedical engineering. His current research includes Koopman operator theory, assistive robotics for eldercare, supernumerary robotic limbs, and multi-cable manipulation. He received Best Paper Awards at the IEEE International Conference on Robotics and Automation (ICRA) in 1993, 1997, 1999, and 2010, the best application paper award at the 2017 IEEE/RSJ International Conference on Intelligent Robotics and Systems (IROS), the O. Hugo Schuck Best Paper Award from the American Control Council in 1985, and other 8 best paper awards of major journals and conferences. He was the recipient of the 2011 Rufus Oldenburger Medal from ASME, the Henry Paynter Outstanding Investigator Award from the ASME Dynamic Systems and Control Division in 1998, and the Ruth and Joel Spira Award for Distinguished Teaching from School of Engineering, MIT, in 2011. More recently he received the 2023 Pioneer in Robotics and Automation Award from the IEEE Robotics and Automation Society. He is a fellow of IEEE and ASME.

