

## EdgeRobot Research Seminar

**Time:** Tuesday 10/25 2:00pm - 3:00pm PST (Pacific Standard Time)

**Zoom Link:**

<https://uhcl.zoom.us/j/94009691298?pwd=Y2ttUS9CUDF4eWZ3dmlPU3BIY1lEdz09>

**Title:** Human-Aware Autonomy

**Speaker:** Dr. Pooyan Fazli, Arizona State University

**Abstract:** Robots are gradually moving from factories and labs to streets, homes, offices, and healthcare facilities. These robots will need to operate in dynamic, uncertain, adversarial, and multi-goal environments. In many real-world applications, even when a single robot can achieve a given task, the possibility of employing a team of robots can improve the overall performance and robustness of the system. Moreover, as robots are increasingly becoming part of the everyday lives of humans, it is essential for them to be aware of the surrounding humans while performing their tasks in the environment.

**Biography:** Pooyan Fazli is an assistant professor and the director of the People and Robots Laboratory (PeRL) in the School of Arts, Media and Engineering (AME) and the Media and Immersive eXperience (MIX) Center at Arizona State University. He received his Ph.D. in computer science from the University of British Columbia. Previously, he was a postdoctoral fellow in the CORAL Research Group at Carnegie Mellon University and in the Laboratory for Computational Intelligence at the University of British Columbia. His research focuses on artificial intelligence, autonomous robots, multi-robot systems, human-robot teaming, and robot learning.