

**IRIM Fall Research Symposium
Klaus 1116 E&W
August 21, 2019**

9:30	Registration (includes coffee and snacks)	
10:00	Opening Remarks	Seth Hutchinson
10:15	Autonomy Research in IRIM	Panos Tsiotras
10:35	Challenges and Opportunities for Deep Learning in Robotics	Zsolt Kira
10:50	Multi-scale Adaptation for Versatile Autonomy	Ani Mazumdar
11:05	Merging Terradynamics and Musculotendon Neuromechanics: Toward Wearable Robots for Augmented Human Locomotion on Non-Uniform Surfaces	Greg Sawicki
11:20	Emerging Technologies and International Security	Maggie Kosal
11:35	IRIM research in GTRI	Gary McMurray
11:55	Lunch and Poster Session	
1:00	Medical Robotics and Human Augmentation in IRIM	Jaydev Desai
1:20	Privacy and Robotics	Annie Anton
1:35	Factor Graphs for Dynamics and Control	Frank Dellaert
1:50	Safe robot planning and decision -- and why physics matters?	Ye Zhao
2:05	High-Precision MRI-guided Direct Cell Injection Robot	Ai-Ping Hu
2:20	Machine learning for human interaction with autonomous systems	Christopher Rozell
2:35	Homogenous Undersea Network Teaming (HUNT) with Lagrangian Profilers	Mick West
2:50	Reproducible Robotics Research via Simulation (or why vision people believe they can do robotics better than robotics people)	Dhruv Bhatra
3:05	Poster Session (includes coffee and snacks)	