Please join the Faculty Development Committee for the second event in a series

Highlighting Faculty Research for tenure-track faculty serving as PI on large awards

Friday, October 21, 2022

3:30-5:00pm Deju House

Information-Driven Control of an Autonomous Multi-Robot System with Applications from Wildlife Monitoring to Planetary Exploration

Kooktae Lee

Assistant Professor

Mechanical Engineering

In this talk, I will discuss how multi-robot systems can be used to benefit our society and community. In particular, I will focus on the information-driven control method orchestrating multiple robots for collaborations between them so that they can achieve the given mission goal in a time- and cost-effective manner. I will present various applications where the multi-robot system can be applicable with our ongoing research for information-driven control. Several examples of those applications are search and rescue, surveillance and reconnaissance, smart farming, large-scale infrastructure inspections, wildlife monitoring, and planetary explorations.

Come listen to Kooktae's brief talk and then stay for casual conversation with Kooktae and other colleagues.

Light refreshments provided and cash bar available.