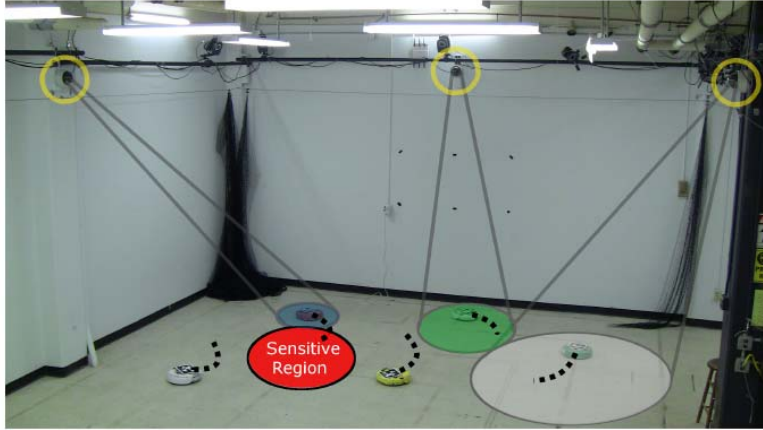


On-going Research and Collaborations:



- **“MURI: Nonparametric Bayesian Models to Represent Knowledge Uncertainty for Decentralized Planning,”** 2010 - 2015, ONR, Topic: Knowledge Representation and Reasoning for Decentralized Autonomy. Amount: ~\$7M. PI: J. How (MIT). Collaborators: How, Leonard, and Carin.

Future Research Directions:

- Decentralized learning, planning, and control.
- Heterogeneous networks.
- Aerial and ground robot for SLAM, and search and rescue.
- Unmanned underwater vehicles for environmental sampling or surveillance.
- Bio-inspired robots for information gathering.

Future Funding:

- ONR, DARPA, (DoD), NSF.

