



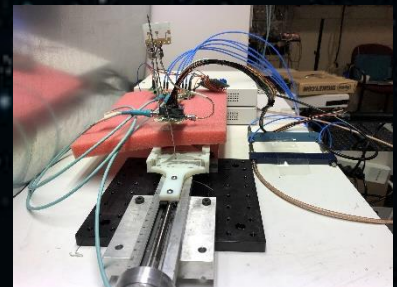
EE 595 – Special Topics in Communication Theory
Space and mmWave Networked Systems

Wireless Communication systems are undergoing a massive transformation by expanding to new horizons from novel deployments in space as well as spectrum in mmWave frequencies



This research-driven course will take you on a journey through these new technologies by building a tool kit of advanced wireless concepts that apply in these new domains:

- Beamforming, MIMO, multi-user MIMO
- Spectrum and Space wireless policy
- Practical trace-driven wireless tasks
- Guided Hands-on Research Project
- Research Talks and Discussions on the cutting edge frontiers of the wireless and mobiles systems in space and using mmWave



Credits: 4 cr Pre-reqs: one out of EE 417/506/419/565

Instructor: Prof. Akshay Gadre (gadre@uw.edu)

Reach out to the instructor for more information



COMING SOON IN SPRING 2023