



# THURSDAY, SEPTEMBER 24 2:00-2:50 PM ME Research Seminar



## Theatre of the Autonomous Car

### DR. WENDY JU CORNELL TECH

Dr. Wendy Ju is an Associate Professor of Information Science department, at the Jacobs Cornell Technion Institute at Cornell Tech. Her research focus lies on interaction with autonomous systems such as automobiles and robots. She graduated with her PhD in Mechanical Engineering, from Stanford University in 2008. Before coming to Cornell Tech, she was the Executive Director for the Center for Design Research at Stanford University.

### Talk Abstract

The advent of autonomous vehicles is both exciting and alarming. The success or failure of such systems will very much depend on the driver-vehicle interaction: whether people have a good assessment of what the car perceives and is likely to do, and how they might respond to different situations. In my research lab, we are looking at how people will interact with vehicles in the future, particularly around shared control with automation, the emotional experience of automated driving, and opportunities of learning and adaptation. By using simulation technologies and techniques we can prototype and test interfaces to understand how best to design our future automobiles.

**THURSDAY 9/24 2-2:50 PM**  
in-person: CM 266 (capacity 16)  
**Live Zoom!** LINK: [tiny.cc/MinesF20](https://tiny.cc/MinesF20)  
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