



**FRIDAYS, 4:00-5:00 PM  
290 HEARST MEMORIAL MINING BUILDING**



**JANUARY 20**  
**Karl Henrik Johansson**  
*KTH Royal Institute of Technology*  
Collaborative Road Freight Transport



**JANUARY 27**  
**Jessie Li**  
*Penn State*  
Toward Semantic Understanding of Spatial Trajectories



**FEBRUARY 3**  
**Dan Work**  
*UIUC*  
Traffic Estimation and Control in an Era of Mixed Human Piloted and Automated Vehicles



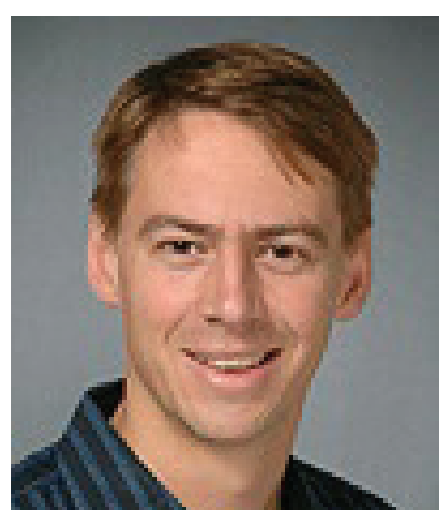
**FEBRUARY 10**  
**Andreas Malikopoulos**  
*University of Delaware*  
Coordinated Decentralized Optimal Control for Connected and Automated Vehicles



**FEBRUARY 17**  
**Costa Samaras**  
*Carnegie Mellon*  
Bending the Energy, Environmental, and Safety Curves Through Transportation Automation and Electrification



**FEBRUARY 24**  
**Mark Mueller**  
*UC Berkeley*  
Multicopter Dynamics and Control: Surviving the complete loss of multiple actuators and quickly generating trajectories



**MARCH 3**  
**Steve Waslander**  
*University of Waterloo*  
Multi-Camera Localization and Mapping for Autonomous Vehicles



**MARCH 10**  
**Jinhua Zhao**  
*MIT*  
Transportation as a Language: Mobility management of China's urban billion



**MARCH 17**  
**Jeff Schneider**  
*Carnegie Mellon/Uber*  
Bayesian Optimization and Self Driving Cars



**MARCH 24**  
**Lei Kang**  
*UC Berkeley*  
Changing Fuel Loading Behavior to Improve Airline Fuel Efficiency



**APRIL 7**  
**Sreeta Gorripathy**  
*UC Berkeley*  
Airport Capacity Prediction Using Machine Learning and its Applications



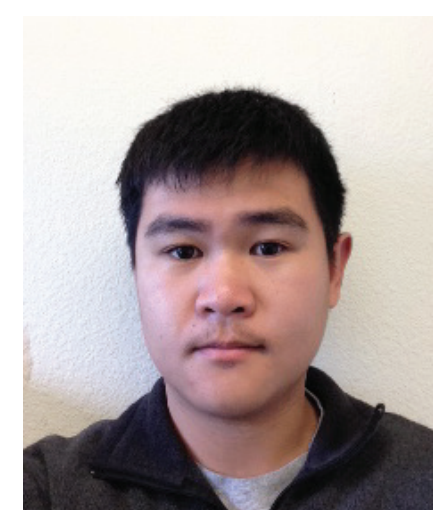
**APRIL 14**  
**Feras El Zarwi**  
*UC Berkeley*  
Modeling the Impact of Major Technological and Infrastructural Changes on Travel Demand



**APRIL 21**  
**Yafeng Yin**  
*University of Michigan*  
Modeling and Analysis of Ridesourcing Services



**APRIL 28**  
**Ram Vasudevan**  
*University of Michigan*  
Control Design for Autonomous Vehicles in Uncertain Environments



**MAY 5**  
**David Kan**  
*UC Berkeley*  
Increasing Freeway Capacity by Efficiently Timing its Nearby Arterial Traffic Signals



**MAY 12**  
**Timothy Brathwaite**  
*UC Berkeley*  
Improving the Policy Relevance and Accuracy of Bicycle Demand Models