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 Gorripaty
*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

Organized by ITS and the Transportation Students Organizing Committee (TRANSOC)
Seminar may be attended for credit: CE 298 (Bayen), 1 Unit
http://its.berkeley.edu/seminar