**ITSiTS Berkeley**

**TRANSPORTATION SEMINAR**

**SPRING 2018**

**FRIDAYS, 4:00-5:00 PM**

**290 HEARST MEMORIAL MINING BUILDING**

**JANUARY 19**
Miroslav Krstic  
*UC San Diego*  
Traffic Congestion Control: A PDE backstepping perspective

**JANUARY 26**
Susan Handy  
*UC Davis*  
Commute Time Quality: Exploring the role of mode and other factors using the UC Davis Campus Travel Survey

**FEBRUARY 2**
Carolina Osorio  
*Massachusetts Institute of Technology*  
Car-sharing Network Optimization Driven by High-resolution Data, Simulation and Discrete Optimization

**FEBRUARY 9**
Jonny Simkin  
*Swiftly*  
Leveraging Big Data to Improve Operational Performance, Reliability, and Efficiency

**FEBRUARY 23**
Steve Raney  
*Joint Venture Silicon Valley*  
Measurable Commute Reduction and the War on SOV

**MARCH 9**
Megan Smirti Ryerson  
*University of Pennsylvania*  
A Drive for Better Air Service: How air service imbalances across megaregions integrate air and highway demands

**MARCH 16**
Marta Gonzalez  
*UC Berkeley*  
Data Science to Study Macroscopic Dynamics in Urban Traffic Networks

**MARCH 23**
Pravin Varaiya  
*UC Berkeley*  
Towards Vision Zero: Intelligent intersection infrastructure to enhance safe operations of (self-driving) cars

**APRIL 13**
Jessie Li  
*Penn State*  
Understanding, Utilizing, and Predicting Human Mobility Data

**APRIL 20**
John Harvey  
*UC Davis Pavement Research Center*  
Some Thoughts on the Current State and Future of Pavement in California

**APRIL 27**
Saif Jabari  
*New York University, Abu Dhabi*  
Stochastic Modeling of Traffic Dynamics

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**Organized by ITS and the Transportation Students Organizing Committee (TRANSOC)**

**Seminar may be attended for credit: CE 298 (Cassidy), 1 Unit**

[http://its.berkeley.edu/seminar](http://its.berkeley.edu/seminar)