



# WORKSHOP ON SUSTAINABLE URBAN TRANSPORTATION, PLANNING, AND THEORY

Friday, September 28, 2007

## Session 1: Traffic Theory for Sustainable Urban Transportation

10:00 - 12:00 Room: 542 Davis

**Masao Kuwahara** A Data Driven Approach for Urban Expressway Ramp Metering Using Real-Time Sensing Data

**Anthony Patire** Uphill-Downhill Driver Behavior and Expressway Bottlenecks

**Toshio Yoshii** Analysis of the Stochastic Breakdown Rate on Freeway Bottlenecks

12:00 -13:00 Lunch Room TBD

13:00-15:00 Room: 542 Davis

**Carlos Daganzo & Mike Cassidy** Allocating City Space to Multiple Transport Modes: A New Modeling Approach Consistent with the Physics of Traffic

**Nikolas Geroliminis** An Experimental Investigation of Macroscopic Traffic Relations in Congested Cities

**Kazushi Sano** Micro-Simulation of Freight Agents in a Supply Chain for Modeling Urban Freight Movement

15:00-15:30 Cookie Hour Room 412 McLaughlin

## Session 2: Transportation Planning for Sustainable Urban Transportation – The Latest Japanese Research

15:30-17:00 Room: 240 Bechtel

**Shoshi Mizokami** Sustainable Urban Transportation Policy Considering the Consistency Between Utility Level and Energy Consumption

**Yasuo Asakura** Tracking Individual Travel Behavior Using Mobile Phones: Methods and Applications

**Takayuki Morikawa** Parking Deposit System - An Advanced Road Pricing Scheme