

10:15 a.m. in Amphitheater

“Meeting Demand Through Variable Pricing”

SESSION 5 Track 5

Yinhai Wang, Ph.D., is currently the Thomas & Marilyn Nielson Endowed Professor in Engineering Education at the University of Washington. Dr. Wang has conducted extensive research in traffic detection, traffic simulation, sensor data management and analysis, traffic operations and traffic accident modeling. He is a member of the Freeway Operations Committee at the Transportation Research Board.

Dr. Wang is also the winner of the ASCE Journal of Transportation Engineering Best Paper Award for 2003.



Moderator



Forecasting Demand and Revenue for Managed Lanes: Challenges and Solutions.

Yaron Hollander

specializes in travel demand forecasting. Yaron has worked for Steer Davies Gleave in London, UK for 10 years, most recently working on the development of advanced forecasting tools suitable for the special features of managed lanes projects. These involve various challenges, such as the need to explicitly account for the different valuations of travel time savings across the population of potential users and incorporation of a toll optimisation mechanism within the demand model.



Integrating Managed Lanes Functionality into Florida’s ATMS Software: I-95 Express Lanes Using SunGuide™ Software

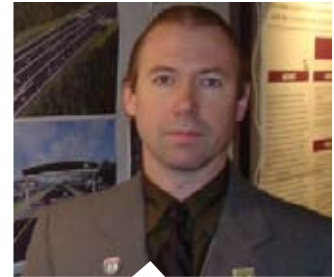
Amit Misra works in the Intelligent Transportation Systems (ITS) Department at Southwest Research Institute in San Antonio, Texas. Currently, Amit is the task lead for the SunGuide™ I-95 Express Lanes project. Amit has nine years of requirements development, design, software development, integration and maintenance experience within ITS. In those nine years, Amit has held both technical and managerial roles in the design and development of various ITS projects.

Amit is jointly presenting with Trey Tillander.



A Six-month Traffic Flow Evaluation of a High-Occupancy/Toll Lane Experiment on the I-15 in Salt Lake City

Peter T. Martin earned a B.S. in Civil Engineering from the University of Wales in 1975, an M.S. in Transportation Engineering from the University of Wales in 1987 and a Doctorate in Real-Time Transportation Modeling from the University of Nottingham, England in 1992. From 1975 to 1984 he practiced as a Civil Engineer in highway planning, design and construction. He is an Associate Professor of Civil and Environmental Engineering at the University of Utah where he directs the Utah Traffic Laboratory.



An Approach to Evaluating Toll Rates and Express Lanes Traffic from Travel Demand Forecasts

Jack Klodzinski began working in transportation at the University of Central Florida in ITS and freight mobility and security. He now works for URS Corporation at Florida’s Turnpike Enterprise conducting travel demand forecasts for current and future proposed toll facilities.

Tom Adler works at RSG where he has directed major projects including feasibility studies for large infrastructure projects, market strategy studies for Global 1000 firms and detailed planning studies for public and private sector initiatives.

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