Over 60 ITS-Davis representatives are participating in the Transportation Research Board’s 95th annual meeting January 10–14, 2016 in Washington, D.C. Details are listed below.

**COMMITTEE MEETINGS**

**Animal-Vehicle Collisions Subcommittee, ANB20(2)**
January 11, 2016 1:30-3:15pm
ITS-Davis Presider: Fraser Shilling

**Emerging and Innovative Public Transport and Technologies Committee**
January 11, 2016 1:30-5:30pm
ITS-Davis Presider: Caroline Rodier

**Chemical, Mechanical, and Asphalt Stabilization Committee**
January 11, 2016 1:30-5:30pm
ITS-Davis Presider: David Jones

**International Aspects of Transportation Energy Subcommittee, ADC70 (1)**
January 12, 2016 1:30-3:15pm
ITS-Davis Presider: Lewis Fulton

**Metropolitan Policy, Planning, and Processes Committee**
January 13, 2016 8:00am-12:00pm
*Will An Auto-Oriented Public Vote for Higher Parking Rates and Public Transit? Evidence from San Francisco*
ITS-Davis Presenters: Matthew Palm, Susan Handy

**Low-Volume Roads Committee**
January 13, 2016 8:00am-12:00pm
ITS-Davis Presider: David Jones

**Environmental Justice in Transportation Committee**
January 13, 2016 8:00am-12:00pm
*How Dynamic Ridesharing Could Be Used to Improve Mobility in Rural, Low-income Communities*
ITS-Davis Presenters: Autumn Bernstein, Debbie Niemeier

**TRB Executive Committee**
January 13, 2016 8:00-11:45am, 2:30-6:00pm; January 14, 2016 8:00am-12:00pm
ITS-Davis Presider: Daniel Sperling
JANUARY 10, 2016

Workshop 124: Doctoral Student Research in Asphalt Materials and Mixtures
9:00am-12:00pm
Interactive Presentation: Designing a Laboratory Experiment: What is important?
ITS-Davis Presenter: Mohammad Zia Alavi

Workshop 129: Full-Depth Reclamation: Developing Specifications from Field and Laboratory Testing Experience
9:00am-12:00pm
FDR in California: Specifications for FDR Projects on Thick Asphalt Surfacings
ITS-Davis Presenter: David Jones
Panel Response to Audience Questions
ITS-Davis Presenter: David Jones

Workshop 186: Shaping the Future Market Through Policy and Research, Part 2
1:30-4:30pm
Interactive Breakouts
ITS-Davis Presenter: Autumn Bernstein

Workshop 194: Doctoral Student Research in Transportation Modeling
1:30-5:30pm
Analysis, Modeling, and Simulation of Microscale Traffic Dynamics Under Different Driving Environments
ITS-Davis Presenter: Hui Deng
Addressing the Joint Occurrence of Self-Selection and Simultaneity Biases in Estimation of Program Effects
ITS-Davis Presenter: Gouri Shankar Mishra
**JANUARY 11, 2016**

**Session 214: LTPP-MEPDG and Long-Life Concrete Pavements**  
8:00-9:45am  
*Development and Validation of Mechanistic-Empirical Design Method for Permeable Interlocking Concrete Pavement*  
**ITS-Davis Presenters:** Hui Li, Rongzong Wu, David Jones, John Harvey

**Session 238: Innovations in Airport Paving**  
8:00-9:45am  
*Analysis of Falling Weight Deflectometer Data Collected on Flexible Pavements During First Cycle of Accelerated Pavement Testing at National Airport Pavement Test Facility*  
**ITS-Davis Presenters:** Rongzong Wu, Qi Ren, John Harvey

**Session 244: Advancement in the Construction Management of Transportation Facilities**  
8:30-10:15am  
*Collaborative Partnering Levels on Recently Completed Road Construction Projects*  
**ITS-Davis Presenters:** Debbie Niemeier, Aaron Fackler

**Session 248: Operational Considerations to Advance Quality Asphalt Construction and Reconstruction**  
8:30-10:15am  
*Design and Construction of Long-Life Semirigid Pavement: Investigation from Test Sections in Northern and Southern China*  
**ITS-Davis Presenter:** Hui Li

**Session 257: Impact of Gender and Age on Mode Choice and Accessibility**  
10:15am-12:00pm  
**ITS-Davis Presider:** Susan Handy

**Session 267: Hot Topics and Emerging Themes in Ecology and Transportation**  
10:15am-12:00pm  
*Wireless Camera Systems and Web-Informatics for Environmental Monitoring of Transportation Corridors*  
**ITS-Davis Presenters:** Fraser Shilling, David Waetjen

**Session 300: Long-Distance and Intercity Travel**  
10:45am-12:30pm  
*Exploring the Longest Trip: A New Look on the Impact of Long Road Trips on VMT*  
**ITS-Davis Presenters:** Gil Tal, Michael Nicholas

**Session 308: Research Trends in Evacuation Transportation Modeling and Analysis**  
10:45am-12:30pm  
*Design of Routing Emergency Shuttle Bus for Small Metropolitan Network*  
**ITS-Davis Presenters:** Rui Ma, H. Zhang
Session 310: Teleportation and Environmental Justice: Technical Papers and Practices  
10:45am-12:30pm  
Spatial Analysis of Housing and Transportation Affordability in Los Angeles County  
ITS-Davis Presenters: Jeffrey Williams, Jahalel Tuil

Session 314: Select Papers on Basic Research and Emerging Technologies Related to Concrete  
10:45am-12:30pm  
Nanoengineered Cementitious Composites and Electrical Impedance  
ITS-Davis Presenters: Jesus Gonzalez, Sumit Gupta, Rongzong Wu

Session 380: New Directions in Travel Surveys: Big Data, Smartphones, and Stated Preference  
2:00-3:45pm  
Exploring Use of Web-Based Map Tool for Travel Behavior Data Collection: Lessons from Plug-in Vehicle Owner Surveys  
ITS-Davis Presenters: Gil Tal, Matthew Favetti, Michael Nicholas

Session 385: Quantifying Pavement Sustainability  
2:00-3:45pm  
Model Development, Field Section Characterization, and Model Comparison for Excess Vehicle Fuel Use due to Pavement Structural Response  
ITS-Davis Presenter: John Harvey  
Simulation of Annual Excess Fuel Consumption from Pavement Structural Response for California Test Sections  
ITS-Davis Presenters: John Harvey, Jeremy Lea, Chang Mo Kim

Session 416: Structures Maintenance: Coatings and Scour  
3:45-5:30pm  
Introducing Two Sensing Schemes for Bridge Scour Monitoring  
ITS-Davis Presenter: Fae Azhari

Session 437: Current Issues in Environmental Analysis in Transportation  
4:15-6:00pm  
Advance Environmental Mitigation of Transportation Projects: Evidence on Financial Impacts  
ITS-Davis Presenters: Gian-Claudia Sciara, James Thorne

Session 438: Current Issues in Transportation and Air Quality  
4:15-6:00pm  
Strategy of AERMOD Configuration for Transportation Conformity Hot-Spot Analyses  
ITS-Davis Presenter: Yizheng Wu

Session 443: Pavement Monitoring and Evaluation: Advances in the Science  
4:15-6:00pm  
Initial Classification Algorithm for Pavement Distress Images Using Features Fusion of Texture and Shape  
ITS-Davis Presenter: Hui Li
JANUARY 12, 2016

Session 485: Traffic Network Management
8:00-9:45am

Dynamic Traffic Routing in a Network with Adaptive Signal Control
ITS-Davis Presenters: Huajun Chai, H. Zhang, Chen-Nee Chuah, Dipak Ghosal, Dylan Smith

Session 486: Animal-Vehicle Collisions: Understanding and Reducing Risk for Driver Safety and Sustainability
8:00-9:45am

ITS-Davis Presider: Fraser Shilling

Testing Landscape Linkage Models with Extensive Wildlife-Vehicle Collision Data
ITS-Davis Presenter: Fraser Shilling

Session 509: Intersection of New Mobility Services and Public Transport: Empirical and Theoretical Insights
8:00-9:45am

ITS-Davis Presider: Caroline Rodier

Session 516: Industry-Based Trucking Research
8:00-9:45am

Electrification of Drayage Trucks: On Track for a Sustainable Freight Path
ITS-Davis Presenters: Hanjiro Ambrose, Miguel Jaller

Environmental and Economic Impact of Using New Generation Wide-Base Tires
ITS-Davis Presenter: John Harvey

Session 528: Current Issues in Transportation Energy and Climate Change
8:30-10:15am

Can Commuters Combat the Duck Curve with Plug-in Electric Vehicles? Scenario Analysis of PHEVs and BEVs
ITS-Davis Presenters: Wei Ji, Michael Nicholas, Gil Tal

Exploring Impact of the Federal Tax Credit on the Plug-in Vehicle Market
ITS-Davis Presenters: Gil Tal, Michael Nicholas

Will Learning-by-Doing Effect Lead California to a Low Carbon Transportation Fuel System?
Dynamic Programming Approach
ITS-Davis Presenters: Yueyue Fan, Yunteng Zhang

Session 529: Current Issues in Alternative Transportation Fuels and Technologies
8:30-10:15am

EVMT in the Household Fleet: Integrating Battery Electric Vehicles into Household Travel
ITS-Davis Presenters: Michael Nicholas, Gil Tal

Modeling the Biofuel Production System from Hybrid Poplar Under Crop Competition
ITS-Davis Presenters: Yuanzhe Li, Nathan Parker
Session 530: Recent Advances in Social and Economic Factors of Transportation
8:30-10:15am

Driver's Licensing Delay: A Retrospective Study of the Impact of Attitudes, Parental and Social Influences, and Intergenerational Differences
ITS-Davis Presenters: Calvin Thigpen, Susan Handy

Session 531: Community Impact Assessment
8:30-10:15am

Harnessing Dynamic Ridesharing to Improve Mobility in Low-Income Rural Communities
ITS-Davis Presenters: Autumn Bernstein, Caroline Rodier

Session 538: Bicycling Research Mega Session
8:30-10:15am

When a Diet Prompts a Gain: Impact of Road Diet on Bicycling in Davis, California
ITS-Davis Presenters: Eric Gudz, Kevin Fang, Susan Handy

Modeling Bicycling to Elementary and Junior High School Using Bike Rack Counts
ITS-Davis Presenters: Dillon Fitch, Calvin Thigpen, Susan Handy

Session 551: Complete, Green, and Exceptional: Creating Streets of the Future
10:15am-12:00pm

Green Streets Design: Evidence from Three Case Studies in the United States
ITS-Davis Presenter: Alvaro Rodriguez-Valencia

Session 576: Energy Efficiency Technologies for Rail Transportation
10:15am-12:00pm

Rail Energy Technologies for the 21st Century: Summary Review and Analysis
ITS-Davis Presenters: Raphael Isaac, Lewis Fulton

Session 581: Fresh Ideas for Statewide Multimodal Transportation Planning
10:45am-12:30pm

California's Connected Millennials: Do They Travel More or Less?
ITS-Davis Presenters: Rosaria Berliner, Lewis Fulton, Farzad Alemi, Kate Tiedeman, Susan Handy

How's Our Ridesharing? Comparative Analysis of Policy Development for Future Mobility Services in California Communities
ITS-Davis Presenter: Susan Pike

Session 607: Travel Behavior Across Modes
1:30-3:15pm

Mode Choice to High School: Evidence from Northern California
ITS-Davis Presenters: Dillon Fitch, Susan Handy
Session 391: Public Transportation: Perceptions, Attitudes, and Behavior  
2:00-3:45pm  
Option and Nonuse Benefit Valuation of Passenger Rail Based on User and Nonuser Attitudes: Case Study of Santa Cruz, California  
ITS-Davis Presenters: Brianna Goodman, Farzad Alemi

Session 647: Fatigue Cracking Characteristics of Asphalt Mixtures  
2:00-3:45pm  
Effect of Mixture Properties on Fatigue Failure Mechanism in Asphalt Concrete  
ITS-Davis Presenters: John Harvey, Rongzong Wu

Session 648: Fracture Properties and Characteristics of Asphalt Mixtures  
2:00-3:45pm  
Fracture Properties Comparison of Asphalt Concrete Using Beam Fatigue and Semicircular Bending with Noncontact Camera and Crosshead Movement  
ITS-Davis Presenter: John Harvey

Session 659: Transit Quality of Service: Crowding, Bus Reliability, and Service Quality Modeling  
2:00-3:45pm  
Investigating the Effect of Traffic Signals on Transit Reliability  
ITS-Davis Presenter: H. Zhang

Session 710: Critical Transportation Infrastructure Protection and Resilience  
2:00-3:45pm  
Adaptive Planning for Sea Level Rise-Threatened Transportation Corridors  
ITS-Davis Presenter: Fraser Shilling

Session 692: New Developments in Full-Depth Reclamation of Asphalt Pavements  
3:45-5:30pm  
Full-Depth Reclamation: Cost-Effective Rehabilitation Strategy for Low-Volume Roads  
ITS-Davis Presenters: David Jones, Stephanus Louw, Rongzong Wu

Session 714: Pavement Performance in Pavement Management Systems  
4:15-6:00pm  
Mean Texture Depth and Deflection Detection-Based Bike Pavement Management  
ITS-Davis Presenters: Xiaodong Qian, Richard Lee, Debbie Niemeier

Session 719: Aging of Asphalt Binders  
4:15-6:00pm  
Evaluating the Changes to New Asphalt Binder Rheology When Adding Aged Conventional and Aged Asphalt Rubber Binders  
ITS-Davis Presenters: Mohammad Zia Alavi, Shawn Hung, John Harvey, David Jones

Evaluating Diffusion and Aging Mechanisms in Blending of New and Age-Hardened Binders during Mixing and Paving  
ITS-Davis Presenters: Mohammad Zia Alavi, John Harvey, David Jones
JANUARY 13, 2016

Session 756: Research Progress on Cool Pavement Strategies
8:00-9:45am
   Human Thermal Comfort: Modeling the Impact from Different Cool Pavement Strategies
   ITS-Davis Presenters: Hui Li, John Harvey

Session 770: TRB Special Report 319, Between Public and Private Mobility: Examining the Rise of Technology-Enabled Transportation Services
8:00-9:45am
   ITS-Davis Presider: Caroline Rodier

Session 781: New Insights into Mode Choice
8:30-10:15am
   External Impacts on the Effect of Social Influence in Transportation Mode Choice
   ITS-Davis Presenters: Susan Pike, Mark Lubell

Session 782: Vehicle Ownership and Usage
8:30-10:15am
   Effect of Carsharing on Vehicle Holdings and Travel Behavior: Propensity Score and Causal Mediation Analysis of San Francisco Bay Area
   ITS-Davis Presenters: Gouri Shankar Mishra, Regina Clewlow, Keith Widaman

Session 784: Information and Communication Technologies and Activity Travel Choices
8:30-10:15am
   Relationships Between Online and In-Store Shopping Frequency of Residents in Davis, California
   ITS-Davis Presenter: Susan Handy

   Ex Post Information Tailoring Strategy to Regulate Day-to-Day Network Traffic Evolution
   ITS-Davis Presenter: H. Zhang

Session 798: TDM Strategies: Technology, Incentives, and Implementation
10:15am-12:00pm
   Dynamic Ridesharing: An Exploration of the Potential for Reduction in Vehicle Miles Traveled
   ITS-Davis Presenters: Caroline Rodier, Farzad Alemi

   The Need for a Comprehensive Demand Management Strategy that Considers both Passenger and Freight: Mitigating the Impact of Passenger Induced Demand
   ITS-Davis Presenters: Miguel Jaller, Farzad Alemi

Session 855: Transportation Network Modeling
2:45-4:30pm
   Dynamic Traffic Routing in a Network with Adaptive Signal Control (16-4445)
   ITS-Davis Presenters: Huajun Chai, H. Zhang, Chen-Nee Chuah, Dipak Ghosal, Dylan Smith
JANUARY 14, 2016

Workshop 878: Tools and Techniques for Evaluation of Thermal Cracking Properties of Asphalt Mixtures
8:00am-12:00pm

*Thermal Cracking Analysis Package (TCAP) for predicting thermal cracking events in asphalt pavements*

**ITS-Davis Presenter:** Mohammad Zia Alavi