THANK YOU!

ITS California thanks our sponsors, exhibitors, speakers, moderators, and attendees for another highly successful conference and exhibition! We are proud that over 700 industry professionals found value in attending our flagship annual event.
We look forward to seeing you in September 2023 in Anaheim!

Final Registrant List

Program Schedule

Presentations

Session 1: Monday, May 16 | 9:00 AM-10:15 AM, Cypress ABC

Title: Next Generation Technology at Use in the Future of Transit

Video: Session 1 Video

Moderator: Antonino Genoese Senior Project Manager, Jacobs

Speakers:

- "Transit Transfer Analysis Tool (TTAT): Observed Transit Arrivals Show Actual Transfer Experiences," Kapeel Daryani, MTC's 511 Transit Data Coordinator, Auriga Corporation; Dr. Ian Rees, Interline
- "Rewarding Shared Mobility: Lessons Learned in Seattle," Brian Thompson, Director, Business Development Intermodal Mobility Solutions, Bytemark
- "San Francisco's Zero-Emissions Fleet Transition Plan," Bhavin Khatri, Zero Emission Program Manager, SFMTA
- "Positive Train Control to Wireless Grade Crossing Warning Systems," Aaron Marx, Rail Transit Systems Engineering Director, RSE

Session 2: Monday, May 16 | 9:00 AM – 10:15 PM, Sandpebble ABCD

Title: Emerging Tech: Cutting Edge Technology You Need to Know About!

Video: Session 2 Video

Moderator: Mike McIntee, Regional Vice President, Econolite

Speakers:

- "Westwood Village Smart Intersection and Mobility Data Exchange Project," Jiaqi Ma, Associate Professor, University of California, Los Angeles
- "Cutting-Edge Approaches to Optimizing Safety and Mobility Using Big Data Analytics," Eric Raamot, Chief Technology Officer, Econolite
- "Lidar is Driving Smart Cities Advances," Matt Bretoi, Sr. Director, ITS And Smart Cities, Aeye
- "A Deeper Look Into How Artificial Intelligence is Changing Transportation," Paul-Matthew Zamskey, Head of Strategic Partnerships, Rekor

Session 3: Monday, May 16 | 10:45 AM – 12:15 PM, Cypress ABC

Title: To CAV or Not to CAV – Will CAVs Really Improve our Lives?
Video: Session 3 Video
Moderator: Ben McKeever, Director, ITS/CAV Services, WSP USA
Speakers:

- "Evaluation of Travel Behavior and Demand Impacts of Automated Vehicles in Southern California," Jiaqi Ma, Associate Professor, University of California, Los Angeles
- "An Innovative Microsimulation Framework to Evaluate System Impacts of ITS Strategies in a Mixed Traffic Environment," Qijian Gan, Computational Data Science Research Specialist, California PATH
- "The Importance of Influencing Human Behavior in a Connected Vehicle and Smart City World," Tony Wheeler, Sr. Director, Business Development, Image Sensing Systems, Inc.
- "Caltrans Connected and Automated Vehicle Program Update," Brian R. Simi, PE, Chief, Office of Traffic Operations Research Division of Research, Innovation, and System Information, Caltrans

Session 4: Monday, August 9 | 1:45 PM – 3:15 PM, Sandpebble ABCD

Title: Managing the Traffic of the Future – Where is it Headed?
Video: Session 4 Video
Moderator: Hema Nagarajan, Lead Engineer, WSP USA.
Speakers:

- "Caught in the Middle: ATMS for Mid-Sized Agencies," John Kerenyi, REE, ITS Director, Jacobs
- "San Francisco Oakland Bay Bridge Metering to Lights System Upgrade – The Modernization of the Critical Infrastructure to Improve Traffic Operations and Resiliency," Stephen Baker, PE, Project Manager, Metropolitan Transportation Commission
- "Collaboration at the Traffic Management Cabinet Edge: Moving Closer to Vision Zero," Eric Raamot, Chief Technology Officer, Econolite.
- "Evolving TMCs: New Threats and Opportunities," David Man, Principal Transportation Engineer, Caltrans District 4 – Division of Traffic Operations

Luncheon Keynote Speaker: Monday, May 16 | 12:15 PM – 1:45 PM, Regency Ballroom

Speakers: Kristin R White, COO, ITS America and Therese McMillan, Executive Director, Metropolitan Transportation Commission
Video: Monday Keynote Speaker

Session 5: Monday, May 16 | 1:45 PM – 3:15 PM, Cypress ABC
Title: Work Zones: Keeping it Safe and Simple (KISS) with WZDx
Video: Session 5 Video
Moderator: Gary Carlin, PE, Director of Business Development, INRIX
Speakers:
- "WZDx Data Feed to Enhance Traffic and Worker Safety in the Bay Area," Nisar Ahmed, Principal, Traveler Information Technology Manager, MTC; Darya Shtykalo, 511 Program Manager, MTC
- "How to Get There: Standardized, Real-Time Work Zone Data," Eliza Shaw, Partnerships Lead, One.Network
- "Work Zone Safety is Job One at Caltrans," Chuck Suszko, Chief, Office of Contract Administration, Division of Construction, Caltrans
- "Smart Work Zones in Arizona and WZDx," Adam Carreon, PE, PTOE, Work Zone Safety Program Manager, Arizona DOT
- "Improving the Exchange of Data Using WZDx," Peter Krikelis, Vice President ITS Development, Hill & Smith

Session 6: Monday, May 16 | 1:45 PM – 3:15 PM, Sandpebble ABCD
Title: Crowdsourced Data: A Real Crowd Pleaser
Video: Session 6 Video
Moderator: Kaki Cheung, Program Director, City/County Association of Governments for San Mateo County
Speakers:
- "Crowdsourced Data for Advancing Operations," Ralph Volpe, Transportation Systems Operations Specialist, Federal Highway Administration
- "Connected Vehicle Data for Regional Monitoring, Safety, and Planning," Dr. Wang Zhang, Transportation Data Program Manager, Maricopa Association of Governments (MAG)
- "Open-Source Code and Commercially Available Options for Leveraging Waze Data," Monsur Ahmed, Assistant Public Works Director of Transportation Department, City of Arlington, Texas
- "Corridor Performance Measurement Using Connected Vehicle Data: An Orange County Transportation Authority Case Study," Alan Clelland, ITS/CV Leader, DKS Associates.

Session 7: Tuesday, May 17 | 9:00 AM – 10:30 AM, Cypress ABC
Title: Managing Incidents and Operations Across the Globe
Video: Session 7 Video
Moderator: Suzanne Luckjiff, Senior Associate, Fehn & Peers
Speakers:

- "Patterns of Nonrecurrent Multi-Corridor Rerouting," Dr. Anthony Patire, Program Leader, University of California, Berkeley
- "Desert Blooming – Taking a Serious Look at the Emerging Technologies," Jeff Jenq, TSMO Program Manager, Maricopa Association of Governments
- "The Intelligent Congestion Management Program in Sydney, Australia," Brian Hoeft, Sr. System/Sales Engineer, Cubic Transportation Systems
- "San Francisco Bay Area Traffic Incident Management," Sarah Burnworth, Principal, Field Operations and Incident Response, MTC

Session 8: Tuesday, August 10 | 1:30 PM – 3:00 PM, Sapphire LP
Title: Preparing for the Zero-Emission Paradigm Shift
Video: Session 8 Video
Moderator: Dr. Aravind Kailas, Advanced Technology Policy Director, Volvo Group North America
Speakers:

- "A Novel Energy Transportation Planning Tool," Dr. Jiangbo Yu, Senior Modeler, AECOM
- "Streamlining Electromobility Adoption in Commercial Applications," Fredy Daza, Director – Innovation Lab, Volvo Group North America
- "Optimizing Charging Networks for e-Mobility," Wes Maurer, Vice President, Gannett Fleming
- "Planning for Zero-Emission Transit Fleets," Lance MacNiven, National Lead – Zero Emission Vehicle and Fleet Planning, WSP USA
- "Deploying Fuel Cell Trucks in Real-World Applications," PJ Callahan, Engineering Associate, Center for Transportation and the Environment

Luncheon Keynote Speaker: Tuesday, May 17 | 12:00 PM – 1:30 PM, Regency Ballroom
Speaker: Steven Keck, Acting Director, Caltrans
Video: Tuesday Keynote Speakers

Session 9: Tuesday, May 17 | 1:30 PM – 3:00 PM, Cypress ABC

Title: New Approaches to Ensuring Safe Systems
Video: Session 9 Video
Moderator: Alan Clelland, ITS/CV Leader, DKS Associates
Speakers:

- "Crowd-Sourcing Mapping for Road Safety and Autonomous Vehicles," Mark Christian, Business Development Manager, Mobileye
- "Safety Evaluation and Crash Risk Prediction Using High-Resolution Connected Vehicle Data," Tiffany Symes, Senior Director Product Management, Iteris
- "Safety Analytics at Scale," Andrew Janzen, CEO, Street Simplified.
- "The Importance of Influencing Human Behavior to Reduce Wrong Way Driving," Tony Wheeler, Sr. Director, Business Development, Image Sensing Systems

Session 10: Tuesday, May 17 | 1:30 PM – 3:00 PM, Sandpebble ABCD

Title: The Internet: We Think It's Going to be Big! Transportation Solutions in the Cloud Context
Video: Session 10 Video
Moderator: Steven Bradley, Regional Vice President, Iteris Inc.
Speakers:

- "Let's Get Remote: TMC Operations as a Service," Stacy Unholz, Senior Project Manager, IBI Group
- "Reducing Emergency Response Times Through Cloud-based Emergency Vehicle Preemption," Dustin Harber, Chief Technology Officer, LYT
- "Are We There Yet?!: The "New Normal" and How COVID May Have Forever Changed How We Travel," Gary Carlin, Director Business Development, Public Sector, INRIX
- "ITS and Securing the Edge," Hadi Daryadel, Director of Technology and Integrated Solutions, 360 Network Solutions

Session 11: Tuesday, May 17 | 3:15 PM – 4:45 PM, Cypress ABC
Title: Local Agencies – Safety, Technology, and the Power of ITS for All
Video: Session 11 Video
Moderator: Victor Koo, ITS Project Manager, City of Pasadena
Speakers:
- "Smart Transportation Solutions on a Budget: Implementation of Central Traffic Management System, Emergency Vehicle Preemption and Communications Network in the City of Chico, CA," Wyatt West, Assistant Engineer, City of Chico; Ryan Saville, PE, PTOE, Associate Vice President, TransCore ITS
- "Using Technology and ITS Infrastructure to Enhance Traffic Safety," Noely Serrato, Assistant Engineer, City of Santa Clarita, CA; Mark Hunter, AICP, Transportation Planning Analyst, City of Santa Clarita, CA
- "Using New Methods for Data Analysis to Pilot Signal Timing Adjustments to Support Safety Improvements," Robert Lim, Project Manager, San Francisco Municipal Transportation Agency
- "Electrifying Solano: Powering Transportation in the 21st Century," Anthony Adams, ME/MCRP, Sr. Project Manager, Solano Transportation Authority

Session 12: Wednesday, September 11 | 9:00 AM – 10:30 AM, Sapphire DH
Title: V2X – The Journey Around the World and to California
Video: Session 12 Video
Moderator: Jim Misener, Global V2X Ecosystem Lead, Qualcomm
Speakers:
- "V2X from the Far East," Charlie Cheng, Business Development Manager, iSmartWays
- "Integrating Vulnerable Road Users," Alan Black, Senior Director, Smart Cities Business Development, Commsignia
- "Caltrans V2X Innovations," Asfand Siddiqui, Chief, Connected Vehicle Infrastructure Branch, Office of Traffic Operations Research, Caltrans

Session 13: Wednesday, May 18 | 9:00 AM – 10:30 AM, Sequoia A

Title: Tolling and Congestion Pricing – Paying Our Way to Improved Mobility
Video: Session 13 Video
Moderator: Dan Lukasik, Vice President, Parsons
Speakers:

- "Georgia's Model for Reversible Express Lane Deployments," Joe Averkamp, Program Manager, Neology
- "Infrastructure for Congestion Pricing in Urban Environments," Michael Kolb, Vice President – Tolling, Gannett-Fleming
- "New York's Congestion Pricing Development," Paul Belella, Project Manager, Parsons
- "MTC App-Based HOV Validation Pilot," Mike Papineau, President, RideFlag Technologies, Inc.

Session 14: Wednesday, May 18 | 9:00 AM – 10:30 AM, Cypress BC

Title: Fixing the Supply Chain Through ITS – Smart, Connected and Automated
Video: Session 14 Video
Moderator: Mark Jensen, Principal & Technology Practice Director, Transpo Group
Speakers:

- "Global Shipping Crisis: Using Technology to Alleviate Supply-Chain Congestion," Natasha Walia, ITS Project Manager, Jacobs Engineering
- "Leveraging Emerging Technologies for Freight Operations," Roger Schiller, Project Manager, Applications and Cloud Solutions Group, Iteris
- "The I-10 Corridor Truck CACC Platooning System," Matt Hanson, Freight Research Project Manager, Caltrans Division of Research, Innovation and System Information
- "National Trends to Address Public Sector Infrastructure, Policy, and Coordination Demands as Truck Technologies Advance," Virginia Lingham, Director, National Management Consulting Practice, WSP USA

Session 15: Wednesday, May 18 | 10:45 AM – 12:00 PM, Sequoia A

Title: Equity Matters
Video: Session 15 Video
Moderator: Monica Castellanos, Tolling & Emerging Mobility Solutions Consultant, HNTB Corporation
Speakers:
- "The Transportation Data Equity Initiative – It's for Us and It's for the U.S.," Alice Marecek, Associate Cambridge Systematics
- "Equity in ITS Systems," Carla Mays, Cofounder & Head of Global Research, SmartCohort
- "Access and Affordability in Tolling," Samantha Soules, Associate Vice President, HNTB Corporation
- "Leveraging Oregon Metro's TSMO Strategy to Advance Regional Equity," Chris Grgich, Associate Traffic Engineer, Fehr & Peers Transportation Consultants

Session 16: Wednesday, May 18 | 10:45 AM – 12:00 PM, Cypress BC

Title: Get the #!&! Off of My Curb
Video: Session 16 Video
Moderator: Alyssa Phaneuf, Vice President, Kimley-Horn and Associates, Inc.
Speakers:
- "The ITS Missing Link: Parking Management," Julie Dixon, President, Dixon Resources Unlimited
- "Piloting Technologies for Improved Curb Management," Sam Morrissey, Executive Director, Urban Movement Labs
- "Curb Quest: Launching a Long-Range Curb Management Plan for Rapidly Growing Bellevue WA," Chris Iverson, Senior Transportation Engineer, City of Bellevue
- "Curb Your Enthusiasm – A Traffic Curmudgeon's Approach to Successful Curb Management: A Case Study," Henry Servin, Parking Manager, City of Santa Monica

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