



**Florida's I3 Transportation Showcase**  
**Renaissance Orlando at Sea World**

<b>Sunday June 23, 2019</b>		
7:00am - 8:00am	Registration Desk Open	
8:00am - 5:00pm	IMSA Classes Traffic Signal III Field - Grouper Room Transportation Center System Specialist Level 1 - Bluegill Room Traffic Signal Inspection - Hinalea Room Roadway Lighting Level 1 - Cobia Room Traffic Signal Level 1 - Damselfish Room	
9:00am - 10:00am	Golf Registration	Reunion Golf Club
10:00am - 5:00pm	Golf Tournament	Reunion Golf Club
12:00pm - 5:00pm	Florida Puerto Rico District Board Meeting	
12:00pm - 5:00pm	Exhibitor Set up	Oceans Ball Room
5:00pm - 7:00pm	Welcome Reception	
<b>Monday June 24, 2019</b>		
7:00am - 8:00am	Registration Opens / Breakfast	
8:00am - 5:00pm	IMSA Classes Certified Fiber Optic Technician - Grouper Room Transportation Center Systems Specialist Level 1 - Bluegill Room Traffic Signal Inspection - Hinalea Room Roadway Lighting Level 1 - Cobia Room Traffic Signal Level 1 - Damselfish Room	
8:00am - 9:00am	Opening Session	Welcome and Introductory remarks by Thuha Nguyen PE, PTOE (Florida Puerto Rico District) Keynote Speakers: Kevin Thibault PE (Florida Department of Transportation), Alyssa Reynolds Rodriguez PE, PTOE (ITE), Amy Ford (ITS America), Toby Cummings, CAE (IMSA)
9:00am - 9:30am	Networking Break	
9:30am - 11:30am	Joint Technical Session Safety-Still Our #1 Priority	Moderator: Jay Calhoun PE, VIBE How Focus State Strategic Highway Safety Plans can Incorporate Recent FHWA Plans to Grow Data Analysis Capabilities by John Lower (Iteris) Leveraging Cloud Computing and Machine Learning for Improved Operations and Safety Analysis by Arun Dawit (UrbanLogiq) 95 Express Safety Improvement by Donald Avery PE (AECOM) Combined Negative and Positive Truck Route Signage to Improve Roadway Safety by Pei-Sung Lin Ph.D., PE, PTOE, FITE (University of South Florida Center for Urban Transportation Research) The Many Hats of Traffic Safety by Larry Hagen PE, PTOE (Hagen Consulting Services, LLC)
8:30am - 11:30am	Exhibitor Set up	
11:30am - 1:00pm	Exhibitor Area opens - Joint Lunch with Vendors	
1:00pm - 2:45pm	Covering the TSM&O Bases	Moderator: Catalina Echeverri PMP (Gannett Fleming) FDOT's Connecting East Orlando Communities Grant Update by Jeremy Dilmore PE (D5 Florida Department of Transportation) The SMART TRAFFIC Traveler Information Website: an Additional TSM&O Strategy for the Sarasota-Manatee Region by Fabio Capillo (Manatee County) System Development and Operations/Maintenance of Monroe County's Signal System by Isabel Hernandez (D6 Florida Department of Transportation) Lee County ATMS Infrastructure by Robert Price (Lee County) Importance of Communicating the TSM&O Message by Alicia Torrez (Media Relations Group)
	Smart City Applications from the Roadway to the Cloud	Moderator: Ken Jacobs PWE, TSOS (Pinellas County) Re-defining the Smart Community A Goal for Safety and Sustainability by Jesse Manning (Rhythm Engineering) The New Requirements of the Signal Priority System in a Smart City Future by Vincent Mayeda (Econolite) Getting your Signal System Network Ready for Connected Vehicles and Big Data by Robert Schenck and Dustin Thomas (City of Gainesville) ITS and Cybersecurity Challenges by Steve Bowles (360 Network Solutions)
	ITE Town Hall Meeting	Moderators: Alyssa Reynolds Rodriguez PE, PTOE and Daniel Beaty AICP
2:45pm - 3:15pm	Networking Break	
3:15pm - 5:00pm	TSM&O Workforce - Recruitment, Retention, and Career Development	Moderator: Alexandra Lopez PE (Gannett Fleming) Alexandra Lopez PE (Gannett Fleming) Raj Ponnaluri Ph.D., PE, PTOE, PMP (Florida Department of Transportation) Pei-Sung Lin Ph.D., P.E., PTOE, FITE, (University of South Florida Center for Urban Transportation Research) Charles R. Wetzel PE, PTOE (Seminole County) Kris Milster PE, PTOE (Traffic Technology Services, Inc.)
	Integrating Mobility Services For Better Transportation Network Management	Moderator: Jesus Martinez PE, PMP (SwRI) Beyond 2019 - Merging Data and Mobility by Mark Rogers (Siemens) "X as a Service" - X=Data, Software, Mobility, Intersection by Anita Vandervalk PE, PMP (Iteris) The Role of Public Agencies in the Emerging Integrated Mobility Environment by John Horner (Kapsch)
	Traffic Bowl Preliminary Rounds	Moderator: Vishal Kakkad PE, PTOE
5:00pm - 7:00pm	Reception in Exhibitor Area	
7:00pm - 9:00pm	Traffic Bowl Finals	Moderator: Vishal Kakkad PE, PTOE
<b>Tuesday, June 25, 2019</b>		
7:00 am - 8:00am	Registration Opens / Breakfast	
7:30 am - 10:00am	Student Poster Session	

8:00am - 5:00pm	<p style="text-align: center;">IMSA Classes  Certified Fiber Optic Technician - Grouper Room  Traffic Signal Level II Field - Bluegill Room  Traffic Signal Inspection Advanced - Cobia Room</p>		
8:00am - 3:15pm	Exhibitor Area Opens		Oceans
8:00am - 9:30am	Performance Measures for Intersection Optimization	Moderator: Larry Hagen PE, PTOE (Hagen Consulting Services, LLC) Implementing an Arterial Performance Measures Reporting Program by Peter J. Yauch PE, PTOE, RSP1, IMSA III, ITE Fellow (Albeck Gerken) ATSPM Implementation in Florida by Raj Ponnaturi Ph.D., PE, PTOE, PMP (Florida Department of Transportation) and Omar Faruk El (HNTB) Signal Performance Measures Project with DRMP & Escambia County by Scott Dolson and Samuel Campbell PE, PTOE (Miovision)	Crystal C
	Mobility as a Service (Maas) When will it be Here?	Moderator: Kris Milster PE, PTOE, (Traffic Technology Services, Inc.) Patricia Tice PE, AICP, LEED AP (CREWS, LLC)	Crystal E
	Keeping ITS Assets Secure and Available	Moderator: Robert Skaggs PE, PTOE (Gannett Fleming) Smart City Best Practice for Remote Reliable & Secure ATMS Network Management by Roger Yue (Moxa) Life-Cycle Assessment of Intelligent Transportation Systems: A Case Study from Southwest Florida by Tolga Ercan Ph.D., (Transcore) Integrated Systems and Services to Improve ITS Device Performance: The Virginia DOT Asset Management Program by Kevin M. Barron (Iteris)	Crystal D
9:30am - 10:00am	Networking Break		Oceans Ball Room
10:00am - 11:30am	Making Intersections More Efficient	Moderator: Pete Yauch P.E., PTOE, RSP1, IMSA III, ITE Fellow (Albeck Gerken) FHWA 2019 Alternative Intersection Guidebook Quadrant Roadway by Jonathan Reid PE, PTOE, RSP (Arcadis) Signal Timing Optimization with Delay Equality and Queue Control Criteria by Chang-Jen Lan Ph.D., PE (Town of Jupiter) A Traffic Signal Design that Increases Intersection Capacity Without Adding New Lanes by Lee Gao Ph.D., PE, PTOE (Palm Beach County) A Smart-Left Platform for Four Section Head Signals by Hatem Abou-Senna Ph.D., PE (University of Central Florida)	Crystal C
	ICM as an Integration of Systems	Moderator: Robert Heller (SwRI) Jeremy Dilmore PE (D5 Florida Department of Transportation) Clay Weston (SwRI) Tim Klawa (Kapsch TrafficCom North America) Keir Opie (Cambridge Systematics) Matthew Juckes (Aimsun)	Crystal E
	Shark Tank Competition	Shark Tank Competition facilitated by Chris Russo PE, PTOE (Florida Puerto Rico District Past President), Thuha Nguyen PE, PTOE (Florida Puerto Rico District President), Andrew Velasquez PE, PTOE (Florida Puerto Rico District Representative), and Kent Blunt PE (Central Florida ITE President)	Crystal D
12:00pm - 12:45pm	ITS Florida Technical Committee Meeting		Damselfish
11:30am - 1:00pm	Exhibitor Area opens - Joint Lunch with Vendors		Oceans Ball Room
1:00pm - 2:45pm	Technologies to Improve Arterial Operations	Moderator: Jonathan Tursky (Transcore) Leveraging Cloud-Based Technology for Optimizing Signal Timing and Enabling Real-Time Adaptive Signal Control by Vincent Mayeda (Econolite) Machine Vision Camera and Lidar Technology by Craig Waltzer (GovComm) Manatee County's SynchroGreen Adaptive System Deployment - Operations, Challenges, and Lessons Learned by Mukunda Gopalakrishna PE, PTOE (Manatee County) Adaptive Traffic Control Deployments in the US - A New Database Tool and the First Lessons Learned by Aleks Stevanovic (Florida Atlantic University)	Crystal C
	The Importance of Collecting and Visualizing Data	Moderator: Shelby Coke, PE (Coke Consulting) Innovative Ways to Leverage Intersection Data for Safety with Data Platforms by Anita Vandervalk PE, PMP (Iteris) A New Approach to Visualize Urban Freight Movement by Leveraging Mobility Data Portals by Eren Yuksel (University of South Florida) Big Data and Analytics for TSM&O by Bob McQueen (Bob McQueen and Associates)	Crystal E
	FLUTECH - Signal M&O	Florida Urban Traffic Engineer's Council by Benton Bonney PE (FLUTECH Chair)	Crystal D
2:45pm - 3:15pm	Networking Break		Oceans Ball Room
3:15pm - 5:00pm	Free Flowing Freeways	Moderator: Andrew Velasquez PE, PTOE (AECOM) The Highway Capacity Manual and Use of Alternative Analysis Tools by Tom Creasey PE, Ph.D. (Caliper Corporation) Tackling Truck Parking in Florida by Tucker Brown (SwRI) D4 TSM&O Incident Management Program by Alex Mirones (D4 Florida Department of Transportation) Traffic Incident Management Detour Plan on I-10 and I-110 - FDOT District 3 by Kenny Shiver (D3 Florida Department of Transportation) and Gaurav Sultania (HNTB) Managing a Growing TSM&O/Express Lanes Program by Donald Avery PE (AECOM)	Crystal C
	Connected and Automated Vehicles For A Better Tomorrow	Moderator: Dan Beatty AICP (HNTB) Planning for the Brave New World of CAV - Tools and Techniques by Anita Vandervalk PE, PMP (Iteris) Thinking vs Processing: The Biggest Obstacle to the Automated Vehicle Future by Larry Hagen PE, PTOE (Hagen Consulting Services LLC) Connected Vehicle Technology Delivers Day-One ROI by Paul Misticawi (TrafficCast International, Inc.) Leveraging Data from Connected Vehicles using Artificial Intelligence by Priscilla Boyd (Siemens) An Empirical Assessment of a Week-long Automated Shuttle Demonstration in a Low-Speed Environment by Pei-Sung Lin Ph.D., PE, PTOE, FITE and Nikhil Menon Ph.D. (University of South Florida Center for Urban Transportation Research)	Crystal E
	FTPLAN	Florida Transportation Planning Council by Robert (Bob) Agrusa PE, PTOE (FTPLAN Chair) Changing Mobility, Parking, and Economics in Downtown Lakeland, The Changing Mobility of our Downtowns by Angelo Rao PE (City of Lakeland) and Julie Townsend (Lakeland Downtown Development Authority) Parking Considerations for Implementing Complete Streets along 10th Avenue in Palmetto, FL by Michael Dorweiler AICP (Dewberry, Inc.)	Crystal D
5:30pm - 9:00pm	Networking Event Off Site at Top Golf		
<b>Wednesday, June 26, 2019</b>			
7:00am - 8:00am	Registration Opens		
8:00am - 5:00pm	<p style="text-align: center;">IMSA Classes  Certified Fiber Optic Technician - Grouper Room  Traffic Signal Level II Field - Bluegill Room  Traffic Signal Inspection Advanced - Cobia Room</p>		
8:00am - 2:30pm	TECHNICAL WORKSHOP	Connected Vehicle 201 Workshop	Crystal D
8:00am - 9:30am	Can we perfect Arterial Operations?	Moderator: Jeff Gerken PE, PTOE (Albeck Gerken) Innovative Methodology to Develop Freeway Incident Response Detour Signal Control Plan by Aidin Massahi Ph.D. (D4 Florida Department of Transportation) Use of Cabinet Art on Controller Cabinets: Can it Impact Operations? by Carlton Urban PE, PTOE (Lucent Group) Automated Timing Conversion from Non-ATC to ATC Controllers by Sasa Mitrovic (Traflog)	Crystal C
9:30am - 10:00am	Networking Break		
10:00am - 11:30am	Partnering to Plan for Connected and Automated Vehicles	Moderator: Alissa Barber Torres Ph.D., AICP, CLTD (Orange County) Brett Blackadar PE, PMP, PTOE (City of Altamonte Springs) Eric T. Hill (MetroPlan Orlando) Alissa Barber Torres Ph.D., AICP, CLTD (Orange County)	Crystal C
11:30am - 12:30pm	ITS Florida Board Meeting/Awards/Scholarships		Damselfish
11:30am - 12:30pm	IMSA Florida Board Meeting		Boardwalk