



**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		IMS 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
10:00am - 5:00pm		Golf Tournament
12:00pm - 5:00pm		Florida Puerto Rico District Board Meeting
12:00pm - 5:00pm		Exhibitor Set up
6:00pm - 8:00pm		Welcome Reception
<b>Monday June 24, 2019</b>		
7:00am - 8:00am		Registration Opens / Breakfast
8:00am - 5:00pm		IMS 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 President) Keynote Speakers: Kevin Thibault, PE (Florida Department of Transportation), Alyssa Rodriguez, PE, PTOE (ITE), Amy Ford (ITS America), Toby Cummings, CAE (IMS)
9:00am - 9:30am		Networking Break
9:30am - 11:30am	Joint Technical Session Safety-Skill 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, PhD, PE, PTOE, FITE (University of South Florida Center for Urban Transportation Research) The Many Hats of Traffic Safety by Larry Hagan, PE, PTOE, RSP (Hagan 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 (Florida Puerto Rico District Secretary) 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, PE (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 Brian Griggs (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 International Leadership Town Hall	Alyssa Rodriguez, PE, PTOE (ITE International Vice President-elect) and Daniel Beaty, AICP (Florida Puerto Rico District International Director)
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, PhD, PE, PTOE, PMP (Florida Department of Transportation) Pei-Sung Lin, PhD, PE, 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.) Tracy Scriba (FHWA)
	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 Anifa 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 (Florida Puerto Rico District Treasurer and Membership Chair)
5:00pm - 7:00pm		Reception in Exhibitor Area
7:00pm - 9:00pm	Traffic Bowl Final Round	Moderator: Vishal Kakkad PE, PTOE (Florida Puerto Rico District Treasurer and Membership Chair)

## Tuesday, June 25, 2019

7:00 am - 8:00am		Registration Opens / Breakfast	Boardwalk
7:30 am - 10:00am		Student Poster Session	Oceans Foyer
8:00am - 5:00pm		IMSA Classes Certified Fiber Optic Technician - Grouper Room Traffic Signal Level II Field - Bluegill Room Traffic Signal Inspection Advanced - Cobia Room	
8:00am - 3:15pm		Exhibitor Area Open	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 Ponnaluri, PhD, PE, PTOE, PMP (Florida Department of Transportation) and Omar Faruk, EI (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: Vishal Kakkad, PE, PTOE (Manatee County) and 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, PhD (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
10:00am - 11:30am	Making Intersections More Efficient	Moderator: Pete Yauch, PE, 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, PhD, PE (Town of Jupiter) A Traffic Signal Design that Increases Intersection Capacity Without Adding New Lanes by Lee Gao, PhD, PE, PTOE (Palm Beach County) A Smart-Left Platform for Four Section Head Signals by Hatem Abou-Senna, PhD, PE (University of Central Florida)	Crystal C
	ICM as an Integration of Systems	Moderator: Robert Heller (SwRI) Clay Packard PE (VHB) Clay Weston (SwRI) Tim Klawa (Kapsch TrafficCom North America) Keir Opie (Cambridge Systematics) Matthew Jukes (Aimsun)	Crystal E
	Shark Tank Competition	Shark Tank Competition Facilitated by Chris Russo, PE, PTOE (Florida Puerto Rico District Immediate Past President), Thuha Nguyen, PE, PTOE (Florida Puerto Rico District President), Andrew Velasquez, PE, PTOE (Florida Puerto Rico District Past President), 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 open - Joint Lunch with Vendors	Oceans
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 Brian Griggs (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, PhD (Florida Atlantic University)	Crystal C
	The Importance of Collecting and Visualizing Data	Moderator: Shelby Coke, PE, PTOE (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 Center for Urban Transportation Research) Big Data and Analytics for TSM&O by Sasa Mitrovic (Traffop)	Crystal E
	FLUTECH	Florida Urban Traffic Engineer's Council by Benton StJ Bonney, PE (FLUTECH Chair)	Crystal D
2:45pm - 3:15pm		Networking Break	Oceans
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, PhD (Caliper Corporation) Tackling Truck Parking in Florida by Tucker Brown (SwRI) D6 TSM&O Incident Management Program by Alex Mirones (D6 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 Bealy, AICP (Florida PuertoRico District International Director) 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, PhD, PE, PTOE, FITE and Nikhil Menon, PhD (University of South Florida Center for Urban Transportation Research)	Crystal E
	FTPLAN	Florida Transportation Planning Council by Robert (Bob) Agrusa, PE, PTOE (FTPLAN Chair) Parking and Mobility Considerations for Implementing Complete Streets along 10th Avenue West in Palmetto, FL by Michael Dorweiler, AICP (Dewberry) Advanced Mobility + Parking = Enhanced Economic Development in Downtown Lakeland You can check out any time you like, but you never want to leave by Angelo Rao, PE (City of Lakeland) and Julie Townsend (Lakeland Downtown Development Authority)	Crystal D
5:30pm - 9:00pm		Networking Event Off Site at Top Golf	

## Wednesday, June 26, 2019

7:00am - 8:00am		Registration Opens	
8:00am - 5:00pm		IMSA Classes Certified Fiber Optic Technician - Grouper Room	
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, PhD (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 (Traffop)	Crystal C
9:30am - 10:00am		Networking Break	
10:00am - 11:30am	Partnering to Plan for Connected and Automated Vehicles	Moderator: Alissa Barber Torres, PhD, AICP, CLTD (Orange County) Brett Blackadar, PE, PMP, PTOE (City of Altamonte Springs) Benton StJ Bonney, PE (City of Orlando) Eric T. Hill (MetroPlan Orlando) Alissa Barber Torres, PhD, 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