



2022 IMSA Forum & Expo

July 24-27, 2022

Renaissance Orlando at SeaWorld®

Are you ready to get back to it in 2022? Register now for the IMSA Forum & Expo July 24-27 at the Renaissance Orlando at Sea World. Join your peers for IMSA Certifications, technical sessions, leadership development, CECs, the IMSA Expo Hall, networking and more!

IMSA certifies tens of thousands of technicians and stands as the most regarded name in public safety certification. It is the oldest known association of its kind. IMSA dates back to October 1896 and counts Thomas A. Edison and the Edison Electric Company among its esteemed members.

Register today and see why IMSA is the gold standard in public safety.

Schedule of Events (Tentative)

Sunday, July 24

- 7:00 am – 6:00 pm Registration Open
- 8:00 am – 4:00 pm IMSA Certification Block I
 - Traffic Signal Inspector
 - IMSA/FOA Certified Fiber Optic Tech
 - Work Zone Temporary Control Technician
 - Traffic Signal Field Technician Level II
 - Traffic Signal Sr. Field Technician Level III
- 8:00 am – 9:00 am Signs & Pavement Markings Tech Level I
- Noon – 1:00 pm Lunch

- 10:30 am – Noon Reducing Emissions and Delay Using Automated Health Monitoring of Traffic Signal Operations and Infrastructure
- 10:30 am – Noon Cybersecurity Measures to Protect the Safety of Our transportation Critical Infrastructure Sector
- Noon – 1 pm Lunch
- 1:00 pm – 3:00 pm Volunteer Leadership Track
- 2:00 pm – 3:00 pm Optimizing Entire Traffic Control Operations for Safer and Smarter Intersections Through a Managed Service Provider Model

Monday, July 25

- 7:00 am – 6:00 pm Registration Open
- 8:00 am – 4:00 pm IMSA Certification Block I
 - Traffic Signal Field Technician Level II
 - Work Zone Temporary Control Technician
 - Signs Senior Technician Level III
 - Traffic Signal Inspector
 - IMSA/FOA Certified Fiber Optic Tech
- 8:00 am – 4:15 pm Technical Session Track 1 (speakers TBD)
- 8:00 am – 4:15 pm Technical Session Track 1 (speakers TBD)
- 8:00 am – 9:00 am Signs & Pavement Markings Tech Level I
- 8:00 am – 9:00 am How Technology Can Bring Visibility and Control to Municipal Signal Operations
- 8:00 am – 9:00 am Communication Infrastructure: Core Networks to the Last Mile
- 8:00 am – Noon ATC Equipment for Your ITS Needs Today and for Your Future
- 9:15 am – 10:15 pm Protecting Vulnerable Road Users
- 9:15 am – 10:15 pm Video-as-a-sensor Technology Drives Safer Roadways
- 10 am – 7:30 pm Expo Hall Open

- 2:00 pm – 3:00 pm ATC Cabinets: Advanced Safety Leads to Nationwide Adoption
- 3:15 pm – 4:15 pm Porting Next-Generation Software to Make ATC Traffic Controllers Connected Vehicle Ready
- 3:15 pm – 4:15 pm Optimizing Signal Timing in Response to Real-Time Demand with Adaptive Signal Control Technology (ASCT)
- 4:30 pm – 6:30 pm Opening Ceremony/Reception

Tuesday, July 26

- 7:00 am – 6:00 pm Registration Open
- 8:00 am – 3:00 pm Volunteer Leadership Track
- 8:00 am – 4:00 pm IMSA Certification Block II
 - Traffic Signal Technician Level I
 - Roadway Lighting Technician Level I
 - Traffic Signal Inspector for Advanced Technologies
 - Signs Technician Level II
 - IMSA/FOA Certified Fiber Optic Tech
- 8:00 am – 4:15 pm Technical Session Track 1 (speakers TBD)
- 8:00 am – 4:15 pm Technical Session Track 1 (speakers TBD)
- 8:00 am – 9:00 am Fiber Optics Changing Our World

Tuesday, July 26 (continued)

- 8:00 am – 9:00 am Simplifying Complex Traffic Control During Roundabout Construction
- 9:00 am – 5:00 pm Expo Hall Open
- 9:15 am – 10:15 am Leveraging High-Resolution Data and Cloud-Based Arterial Performance Analysis for Safer Mobility
- 9:15 am – 10:15 am ABC's of Solar Sizing
- 10:30 am – Noon Understanding Your Transportation Assets
- 10:30 am – Noon MUTCD...Past Present Future
- 11:00 am – Noon Volunteer Leadership Track
- Noon – 1:00 pm Lunch
- 1:00 pm – 2:00 pm Volunteer Leadership Track
- 2:00 pm – 3:00 pm How to Create a Safe & Secure Multi-Vendor, Traffic Ecosystem
- 2:00 pm – 3:00 pm On Demand Traffic Signal Retiming: The Need in a Post-Covid World
- 2:00 pm – 3:00 pm Volunteer Leadership Track
- 3:15 pm – 4:15 pm Operations and Management for Communication Technologies Used for Traffic Signal, Center to Center and CV2X Applications
- 3:15 pm – 4:15 pm ACES & ATC | The Future of Traffic Signal Technology Incorporating ATC with Autonomous Connected Electrified Shared Vehicles

Wednesday, July 27

- 7:00 am – 10:00 am Registration Open
- 8:00 am – 1:00 pm Expo Hall Open
- 8:00 am – 4:00 pm IMSA Block II Certification
- Traffic Signal Technician Level I
 - Roadway Lighting Technician Level I
 - Traffic Signal Inspector for Advanced Technologies
 - Signs Technician Level II
- 8:30 am – 9:00 am Closing Breakfast
- 9:30 am – Noon Technical Session Track 2
- 9:30 am – 10:30 am Best Practices for Cabinet Maintenance
- 9:30 am – 10:30 am The Importance of Fiber Optic Network Design and Engineering in Traffic Operations
- 10:00 am – Noon Volunteer Leadership Track
- 10:45 am – Noon Enhancing Safety with Greener, Smarter and Higher Performing UPS Technologies
- Noon – 1:00 pm Lunch