IRF Webinars available on demand
February 2021

Asset Management

- Advances in LIDAR Use for Advanced Road Asset Monitoring
- Integrated Bridge Inspections and Maintenance Using Mobile Solutions
- Non-contact Bridge/Roadway/Tunnel Inspection – Adapting to the New Normal
- Road Scanning Innovation: Now & Future
- Performance-Based Reports for Low Volume Roads
- Using AI to Identify Individual Distresses for Pavement Management
- Modern Pavement Management Practices for Cities and Counties
- Improving Road Asset Management for Local Roads
- Data-informed Management of Skid Resistance: A Case Study
- Artificial Intelligence for Road Asset Management
- Managing Bridge Infrastructure Assets
- Pavement Preservation
- Asset Management for Low-Volume Roads
- Roadway Analytics: Improving Roadway Performance in Cities and Across Strategic Road Networks
- Bridge Deck Scanning by Infrared Thermography
- Structural Health Monitoring
- Bridge Maintenance & Inspection
- Road Operations, Maintenance & Life-Cycle in PPPs
- Road Asset Management

Road Safety

- Delivery Safer School Zones for South African Communities
- Real-time Detection of Distracted Driving using Artificial Intelligence
- Runway and roadside crashes against fixed objects (Portuguese Language)
- Building Trust in Automated Speed Enforcement Programs
- Road Tunnel Emergency Preparation & Management
- Management Practices for Safer Roads
- Surrogate Safety Methods to Predict Crashes and Diagnose Risk – Research and Practice
- Road Safety Audits & Inspections: from Concept to Implementation
- AI and Road Safety: Leveraging ITS Video Assets for Vision Zero
- Virtual and Augmented Reality for Safe Traffic Management
- Distracted/Drowsy Driving – Mitigating a Killer
- Safety Management Systems - Ensuring safer roads and efficient infrastructure investment

- Low Cost Effective Roadside Safety Countermeasures
- Justifying a Maximum .05 Blood Alcohol Concentration as the Global Standard
- Forgiving Poles
- Vulnerable Road Users
- Work Zone Congestion
- Pedestrian Safety in Work Zone
- Traffic Police Integrity Challenge
- Minimum Requirements for Road Safety Audit Team Leaders
- Bike Lane Design, Color, and Durable Material Specifications
- Reducing Young Driver Risk
- Flagger Safety : Past, Present, Future
- Proper Use of Crashworthy Terminals
- Crash Cushion Classification
- The ABCs of Roadside Safety
- Night Work Zone Safety

Road Funding
- Road Funding Policy: Time for New Revenue Collection Mechanisms
- Road User Charging: From Slow March to a Sprint
- Public-Private Partnerships and Innovative Finance for Infrastructure Projects
- State of the Art of Electronic Toll Collection
- Innovative Financing for Road Safety
- PPPs for Electronic Enforcement
- Multi-Lane Free Flow Tolling
- Transport Financing Opportunities at the Inter-American Development Bank

Highway Design & Management
- History of Roads – Part 1: From Roaming Routes to Straight Tracks
- Green Roads for Water Resilience approaches around rural roads
- Accelerated Paving in High Traffic Corridors
- Procurement & Contract Management in Highway Projects
- Autonomous Drones for Highway Design & Operations
- The Inclusive and Green Rural Road: Contributions to the SUM4ALL Initiative
- Delivering Road Programs: How Do Countries Perform?
- Making Roads Work for Water
- Advances in Flexible Pavements
- Minimizing Fraud & Corruption in Highway Projects
- Integrated Corridor Management
- Climate Change and Transportation
- Low-Volume Roads Engineering

International Road Federation

Madison Place • 500 Montgomery Street • Fifth Floor • Alexandria, VA 22314 • USA
Tel +1 703 535 1001   Fax +1 703 535 1007
www.IRF.global

Smart Mobility

- Deploying ITS to Reduce Climate Impacts
- Future Proofing our Roads for Automated Vehicles
- Traffic Models for Connected & Autonomous Vehicles:
- Next Generation Traffic Management & Analytics
- The Impact and trends of COVID-19 on connected, autonomous vehicles
- Cooperative ITS: Getting ready to Deploy the Next Generation
- Road User Charging: The Physics, Philosophies and Economics of Roads
- Adapting Pavement Markings to Support Highway Safety and Automated Vehicle Technologies
- Big Data for Transportation
- Highway Congestion Management
- Emergency / Incident Management
- Using Floating Vehicle Data to Enrich Traffic Management