IRF Global R2T Conference & Exhibition
Building the Transport Infrastructure of Tomorrow

Houston, Texas
November 10-13, 2020

Preliminary Program
On behalf of the International Road Federation’s global volunteer leadership and members, it gives me great pleasure to welcome you to the IRF Global R2T Conference & Exhibition in Houston, Texas on November 10-13, 2020.

This landmark IRF event offers a new and unique international meeting point where leading industry innovators, researchers, and stakeholders can acquire essential engineering and business insights, and help build tomorrow’s transportation infrastructure today.

With rising expectations placed on the delivery of sustainable and efficient transport infrastructure, IRF continues its mission to offer government agencies and road professionals access to knowledge resources from innovations in project design, to managing transportation assets, and readying road networks for the arrival of shared and connected mobility services.

H.E. Abdullah A. Al-Mogbel
IRF Chairman

ABOUT IRF

Our Mission: Building Partnerships
We assist countries in progressing towards better, safer and smarter road systems.
We develop and deliver world-class knowledge resources, advocacy services, and continuing education programs, which together offer a global marketplace for best practices and industry solutions.
We serve a wide range of member organizations from both the public and private sectors of the road and transport industry. Together, we form a global network for information exchange and business development.
We invest in the next generation of transport leaders. Since 1949, the IRF has awarded educational scholarships to individuals in 119 countries to pursue careers in the road and transport industry.

We believe that well-planned, safe, accessible and environmentally sound road networks are fundamental building blocks for human and economic development.
We are committed to increasing road and transport investments to meet the demands for safe and efficient travel and flow of goods and services to help improve the lives of people worldwide.
We engage with governments, development institutions, businesses, and academia around the world to make our vision a reality.

Our Organization
The International Road Federation is a global not-for-profit organization, headquartered in Washington, DC since 1948 and supported by regional offices throughout the world. The IRF serves a network of public and private sector members in more than 70 countries by providing world-class knowledge resources, advocacy services, and continuing education programs which together offer a global marketplace for best practices and industry solutions.
ABOUT CONFERENCE

The IRF Global Roads2Tomorrow (R2T) Annual Conference & Exhibition has quickly established itself as a top destination for global innovators and decision makers in the roads and mobility sector. For road and transport authorities the IRF R2T Conference is the ideal place to learn and share best practice about the latest technologies and solutions. For researchers, it is an ideal platform to share their research with their peers and the sector as a whole. For the private sector, it is an opportunity to make the right business contacts and to showcase their services. For everyone in the sector it is a place to learn and network with professionals and decision makers from over 50 countries.

With an expected 200 internationally recognized speakers sharing their engineering and business insights, the IRF Global R2T Conference & Exhibition is uniquely positioned to usher in an era of automated, connected, safe & intelligent transportation services.

Make sure you are part of this landmark event!

CONGRESS THEMES

- Smart Cities / Connected & Autonomous Vehicles (CAVs): Readying our Road Infrastructure
- Asset Management & Roadway Analytics
- Innovative Pavement Materials and Technologies
- Road Safety: Achieving “Vision Zero”
- Road User Charging & Travel Demand Management
- Financing & PPPs: A Path to Sustainable Financing for Roads & Mobility

WHY PARTICIPATE?

Share: R2T is the international meeting point where leading industry innovators, researchers, and stakeholders acquire essential engineering & business insights, and help build tomorrow’s transportation infrastructure today.

Engage: R2T will push the boundaries of 21st century roads & mobility. Meet global thought leaders and discover pioneering concepts through our program of live demonstrations and applied knowledge sessions.

Grow: Place your company’s brand, technologies and services at center stage during R2T and gain exposure in front of top decision makers, government officials and buyers worldwide.

VENUE & ACCOMMODATION

The Westin Galleria Houston

5060 West Alabama, Houston, Texas 77056 USA

+1 713-960-8100

http://westin-galleria.houston-hotels-tx.com

*Special IRF Rate:
170 USD / night

BOOK YOUR ROOM
MESSAGE FROM THE CONFERENCE SCIENTIFIC & TECHNICAL COMMITTEE CHAIRS

Technology and innovations are evolving at a pace never seen before in the history of the road and transport sector. From innovations in materials, such as self-healing concrete and rubberized asphalt, to advances in construction equipment automation, and of course, the dawn of the connected and automated vehicle, we are on a verge of a new era. With such remarkable developments, we found it very important to organize a global event that brought together the most innovative researchers with the top practitioners and users of innovation and technology. As such it is our pleasure invite innovators, researchers and practitioners to submit abstracts in the following topics and help us build tomorrow’s transport infrastructure today.

Dr. Kamil Kaloush  
Professor, Arizona State University

Dr. Rafael Aldrete  
Texas Transportation Institute

CALL FOR ABSTRACTS (NO PAPER REQUIRED)

The Scientific & Technical Committee of IRF has selected 5 tracks for inclusion in the international call for abstracts. Abstracts shall be written in English and should not exceed 250 words. Top graded papers to be published with a Google Scholar Listing in a specialty conference publication.

SCIENTIFIC TRACKS

**Asset Management**
- Pavement & Bridge management systems (research and implementations)
- Non-destructive testing
- Life cycle cost analysis
- Pavement Maintenance, repair, and replacement techniques
- Local Agency Pavement Management
- Bridge Inspection
- Bridge Maintenance & Repair

**Innovative Materials and Technology**
- Recycled and waste materials
- Cool Pavements
- Asphalt concrete (Superpave mixture designs, warm mixtures, use of fibers, polymers, crumb rubber, etc.)
- Fiber reinforced polymers
- Curing compounds
- Nano-materials in infrastructure projects and surface Concrete Materials (ultra-high-performance concrete, self-healing concrete, etc.)
- Treatments

**Road Safety: Towards Zero Deaths**
- Road Risk Diagnosis & Road Safety Audit
- Use of AI & Data Analytics for Road Safety
- Temporary Traffic Control Safety
- Lane marking and retro reflectivity
- New energy-absorbing technologies - crash cushions, guardrail end terminals, TMAs, & luminaire poles
- High-Friction Surface Treatments (HFSTs)
- Accelerated Bridge Construction

**Smart Cities / Connected & Autonomous Vehicles (CAVs): Readying our Road Infrastructure**
- Next Generation Traffic Management
- Traffic Control & Operations
- City Street & Highway Design for CAVs
- V2X Communication Technologies & Cooperative Systems
- Regional & State-wide Integrated ITS Deployments
- Smart Cities: from Concept to Reality

**Road User Charging & Travel Demand Management**
- Technologies for Travel Demand Management
- Road Pricing
- Road Pricing for Freight
- Effectiveness of Distance Based Charging Technologies for Urban Road Pricing

Submission Timeline & Guidelines

Authors whose abstracts have been accepted are invited to take note of the following paper submission and acceptance schedule,

May 15 - Abstract Submission Deadline  
May 30 - Abstract Acceptance Notification  
August 3 - Paper Submission Deadline (Only for those wishing to have a paper appear in the conference proceedings)  
September 4 - Paper Acceptance Notification

Submit your abstract at: https://www.IRF.global/r2t
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<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>9:00am – 10:00am</td>
<td>AM Committee</td>
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<tr>
<td>9:00am – 11:00am</td>
<td>AK1: How to get Road Safety Products Approved in North America</td>
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<tr>
<td>9:00am – 5:00pm</td>
<td>Exhibition set-up</td>
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<tr>
<td>10:00am – 11:00am</td>
<td>ITS Committee</td>
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<td>11:00am – 12:00pm</td>
<td>General Assembly</td>
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<tr>
<td>2:00pm – 5:00pm</td>
<td>AK1: Pavement Management Workshop</td>
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<td>2:00pm – 5:00pm</td>
<td>Board of Directors</td>
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<td>2:00pm – 5:00pm</td>
<td>GLS: Leveraging Artificial Intelligence for Safer Roads</td>
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<tr>
<td>6:00pm – 8:00pm</td>
<td>Welcome Reception</td>
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<tr>
<th>Time</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>9:00am – 9:30am</td>
<td>OPENING SPEECHES</td>
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<td>9:00am – 5:00pm</td>
<td>Exhibition</td>
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<td>9:30am – 10:30am</td>
<td>PLS1: Funding Tomorrow’s Road and Transportation Infrastructure</td>
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<tr>
<td>10:30am – 11:00am</td>
<td>Refreshment Break</td>
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<td>11:00am – 12:30pm</td>
<td>ES1: Next Generation Traffic Management</td>
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<td>11:00am – 12:30pm</td>
<td>ES2: Data Driven Asset Management</td>
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<td>11:00am – 12:30pm</td>
<td>Poster Displays</td>
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<td>11:00am – 12:30pm</td>
<td>SRD1: Road Safety Leadership</td>
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<td>11:00am – 12:30pm</td>
<td>TS Block 1</td>
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<td>12:30pm – 2:00pm</td>
<td>Lunch in Exhibit Hall</td>
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<td>2:00pm – 3:30pm</td>
<td>ES3: Next Generation Traffic Management II</td>
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<td>2:00pm – 3:30pm</td>
<td>ES4: Innovations in Pavements &amp; Materials</td>
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<td>2:00pm – 3:30pm</td>
<td>SRD2: Innovations in Roadside/Median Safety</td>
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<td>2:00pm – 3:30pm</td>
<td>TS Block 2</td>
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<tr>
<td>3:30pm – 4:00pm</td>
<td>Refreshment Break</td>
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<tr>
<td>4:00pm – 5:30pm</td>
<td>ES5: Using Visualization and Intelligent Technologies to Manage the Transportation Infrastructure</td>
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<td>4:00pm – 5:30pm</td>
<td>ES6: Innovations and Effective Techniques in Bridge Preservation, Maintenance &amp; Repair</td>
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<td>4:00pm – 5:30pm</td>
<td>Gala and Awards Dinner</td>
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<td>4:00pm – 5:30pm</td>
<td>TS Block 3</td>
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<td>4:00pm – 5:30pm</td>
<td>LAC1: Road Finance &amp; PPPs in South America</td>
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Register Today: [www.IRF.global/R2T](http://www.IRF.global/R2T)
NOVEMBER 12 • THURSDAY

9:00am – 9:20am  P  Keynote
9:00am – 5:00pm  X  Exhibition
9:30am – 10:45am  E  ES7: City Street & Highway Design for CAVs
9:30am – 10:45am  E  ES8: Sustainable & Green Pavements
9:30am – 10:45am  S  SRD3: Self-Explaining Roads
9:30am – 10:45am  T  TS Block 3
10:45am – 11:15am  N  Refreshments Served
11:15am – 12:30pm  E  ES9: Preparing the Infrastructure for the Electrification of the Vehicle Fleet
11:15am – 12:30pm  S  SRD4: Advances in Work Zone Safety
11:15am – 12:30pm  T  TS Block 4
11:15am – 12:30pm  W  LAC2: Road Safety in South America
12:30pm – 2:00pm  N  Lunch Break
12:30pm – 2:00pm  R  Poster Displays
2:00pm – 3:30pm  E  ES10: Implementation of Road User Charging Programs
2:00pm – 3:30pm  E  ES11: Mega Project Management
2:00pm – 3:30pm  S  SRD5: Use of AI & Data Analytics for Road Safety
2:00pm – 3:30pm  T  TS Block 5
3:30pm – 4:00pm  N  Refreshments Served
4:00pm – 5:30pm  E  ES10: Implementation of Road User Charging Programs
4:00pm – 5:30pm  S  SRD6: Using Pavements to Make Roads Safe
4:00pm – 5:30pm  T  TS Block 6
4:00pm – 5:30pm  W  LAC3: Road Safety in Caribbean Countries

NOVEMBER 13 • FRIDAY

9:00am – 10:30am  A  AK4
9:00am – 10:30am  P  PLS2: Preparing the Infrastructure for the Electrification of the Vehicle Fleet
9:00am – 10:30am  S  SRD6: Global Road Safety Programs
9:00am – 10:30am  T  TS Block 7
10:30am – 11:00am  N  Refreshments Served
11:00am – 12:30pm  P  Closing Ceremony
12:30pm – 1:00pm  N  Refreshments Served
2:00pm – 5:00pm  O  Technical Tours

REGISTRATION RATES

<table>
<thead>
<tr>
<th>IRF MEMBERS</th>
<th>NON MEMBERS</th>
<th>US Government: $150</th>
<th>City &amp; State Officials: $150</th>
<th>IRF Fellows: $150</th>
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<tbody>
<tr>
<td>Delegates: $700</td>
<td>Delegates: $850</td>
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<tr>
<td>Speakers: $510</td>
<td>Speakers: $590</td>
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SHOWCASING INNOVATION

Place your company’s brand, products and services at center stage during this high-level industry event. With an exhibit or sponsorship package you can build greater market awareness by increasing your exposure in front of top decision makers, government officials and buyers who are directly involved with road and transport infrastructure industry programs.

Exhibit Rates

BOOTH PACKAGE INCLUDES ((per 100 SqFt)

- Pipe and drape (Linear booths include three side walls. Peninsula booths only have a back wall.)
- Identification sign (Linear Booths)
- Inclusion in the printed and online directory
- 1 Conference Registration
- 5 Exhibitor Passes
- 2 chairs, 1 table, & 1 electrical socket

Exhibitor: 33 USD per sqft (Min 100 sqft)
Exhibitor (IRF Member) 27 USD per sqft
(Min 100 sqft)
Shell Scheme: 95 per SQM

Exhibit Hours

- Tuesday, November 10, 2020 | 6:00 – 7:30 PM
- Wednesday, November 11, 2020 | 9:00 – 5:00 PM
- Thursday, November 12, 2020 | 9:00 – 5:00 PM

For Exhibition Information, Please Contact: R2T@IRF.global or Contact us at + 1 703 535 1001
## Defined Benefit Packages

- **Gala Dinner Sponsor**: 20,000 USD
- **Welcome Reception**: 15,000 USD
- **Lanyard Sponsor**: 6,000 USD
- **Lunch Sponsor (On exhibit floor)**: 15,000 USD
- **Session Sponsor**: 7,500 USD
- **Advertisement in the Exhibitor Guide**: 750 USD

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**For Sponsorship Information, Please Contact: R2T@IRF.global or Contact us at +1 703 535 1001**