



Hosted by



هيئة الطرق والمواصلات
ROADS & TRANSPORT AUTHORITY



Mobility Solutions for the 21st Century

*IRF Middle East & North Africa
Regional Congress & Exhibition*

**Dubai, UAE
October 29-31, 2017**

Congress

CONGRESS OVERVIEW

Join more than 1,000 transportation leaders from the region and beyond for an exciting, action-packed, and business-friendly IRF Middle East & North Africa Regional Congress & Exhibition, themed **Mobility Solutions for the 21st Century**. With a focus on cutting-edge innovation and an unrivaled portfolio of mobility projects, Dubai offers an inspiring setting to discuss Innovations in Transportation Engineering, Smart Cities, and Connected Vehicles spread across 50 sessions. Acquire essential skills in designing and operating safer and more resilient road networks. Share your research and solutions to an audience of industry professionals and decision makers, and make valuable professionals connections in one of the most vibrant road markets in the world.

ORGANIZED BY



HOSTED BY



هيئة الطرق والمواصلات
ROADS & TRANSPORT AUTHORITY



SUPPORTING ORGANIZATIONS



Foundation for Education and Training on
Tunneling and Underground Space Use



ADVANCING
PUBLIC
TRANSPORT



MEDIA PARTNERS

WORLD OF ENGINEERING

RoadSafety UAE

Please visit us online

MERC.IRF.GLOBAL



On behalf of the International Road Federation's global volunteer leadership and members, it gives me great pleasure to invite you to join me for the IRF Middle East & North Africa Regional Congress & Exhibition "Mobility Solutions for the 21st Century".

At IRF, we often make the case that efficient, interconnected and sustainable transport services are fundamental building blocks for human development and regional integration. In other words, they are the world's original "social network".

This vision has guided the region's transportation policies and investments in recent years, as evidenced by the emergence of spectacular highway and mass transit projects, and their transformative impacts are self-evident to visitors and businesses alike. However, the region remains confronted with growing demand for efficient, safe and sustainable mobility services which require continuously re-inventing our transportation models. New projects are increasingly combined with measures aimed at optimizing existing networks through active traffic management, notably by harnessing the exponential growth in the quality and diversity of user data available to network operators.

Our Congress comes at a time of concerted efforts by leaders throughout the GCC and wider MENA region to provide coordinated road network programs and other state-of-the-art transportation services that are capable of supporting and sustaining the region's economic integration agenda. It is an essential meeting place to discuss policies and present innovations and a must-attend opportunity for transportation professionals.

Eng. Abdullah A. Al-Mogbel

Chairman

International Road Federation



It is my pleasure to welcome the participants and attendants of the 1st International Road Federation Middle East and North Africa Congress & Exhibition hosted by Dubai (29-31 Oct 2017) under the theme "Mobility Solutions for the 21st Century".

The holding of this global event in Dubai city tantamounts to an international recognition of the status of Dubai, especially as this Congress is one of the most important specialised conferences in the field of roads, and makes its debut as the 1st IRF MENA Congress & Exhibition.

Thanks to the visionary leadership of HH Sheikh Mohammed bin Rashid Al Maktoum, Vice-President and Prime Minister of the UAE and Ruler of Dubai, and the follow-up of HH Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, Dubai Crown Prince and Chairman of the Executive Council, Dubai has superb infrastructure to boast of across various fields, especially roads. It has a road network characterised by high-quality and wide geographical coverage spanning the entire Emirate.

The Dubai Government has invested heavily in uplifting roads & transport infrastructure to meet the urbanisation needs and the sweeping economic boom; which at the end of the day will translate into added happiness & welfare to both residents & visitors.

The Roads and Transport Authority (RTA) in Dubai has succeeded in raising the roads sector to the next level; contributing to the UAE's ranking as Number One in the quality of roads over the past four years (2013-2016) according to the Global Competitiveness Report of Davos Economic Forum. The overall length of roads network has leapfrogged from 8715 lane-km in 2006 to 13594 lane-km in 2016. Equally, the number of lanes crossing over the Dubai Creek has jumped during the same period from 19 lanes to as much as 48 lanes, recording in the process a stunning 153% increase.

The RTA has developed & implemented a bundle of measures to improve the traffic flow & safety to align it with the world's best practices. These measures contributed to bringing down the fatality rate of road accidents in Dubai to unprecedented levels during the last decade.

I welcome all of you to the UAE, whilst wishing participants in the Congress & Exhibition every success in realising their objectives.

H.E. Mattar Al Tayer

Director-General and Chairman of the Board of Executive Directors
Dubai Roads & Transport Authority

WHY PARTICIPATE?

LATEST & CUTTING-EDGE INDUSTRY KNOWLEDGE

Stay abreast of best practices and new technologies across 6 tracks and 50 sessions.

BUSINESS INSIGHTS FOR ROAD PROFESSIONALS

Join key stakeholders from GCC and other emergent markets as they present upcoming highway and transportation infrastructure programs.

EXCEPTIONAL NETWORKING OPPORTUNITIES

Benefit from access to road agency heads and local government leaders responsible for significant investments in road and transport projects. Meet clients, distributors and partners at the Congress exhibition.

A CITY WITH A VISION

Enjoy the unique appeal of a world-class city through a varied program of cultural and technical visits.

PROFILE OF ATTENDEES

- Political and Municipal Leaders with Transport Portfolios
- Highway Agency and City Personnel
- Design Consultants, Engineers & Managers
- Construction Contractors, Engineers & Managers
- Materials Laboratory Engineers
- Equipment Manufacturers, Suppliers & Distributors
- Transport Research Institutes
- University Researchers and Professors
- Engineering Services Professionals
- Traffic Technology and ITS Consultants, Engineers and Managers

CONGRESS & EXHIBITION VENUE

SHEIKH RASHID HALL, DUBAI WORLD TRADE CENTER

The Dubai World Trade Centre remains the region's largest hosting destination, with a global calendar of world-class events, blockbusting consumer shows and prestigious conferences.

Congress opening hours:

Sunday, October 29: 08:30 – 17:30

Monday, October 30: 08:30 – 17:30

Tuesday, October 31: 08:30 – 14:30



CONGRESS THEMES



Innovation in Transportation Engineering



Smart Cities & Highways



Managing 21st Century Road Network



Towards Zero Road Injuries



Sustainable Pavement Design & Management



Managing Complexity In Road Projects

CONGRESS FORMAT

PLENARY SESSIONS

Plenary sessions will set the stage for, and are at the core of, activities for the IRF Middle East & North Africa Regional Congress & Exhibition.

EXECUTIVE SESSIONS

Executive sessions take the form of round tables addressing key aspects of road and infrastructure development across the Middle East region and the underlying challenges.

APPLIED KNOWLEDGE SESSIONS*

An opportunity to share your business strategy insights and success stories with a local and regional audience.

SAFER ROADS BY DESIGN™ SESSIONS

Developed and coordinated by the IRF, these sessions will introduce engineering concepts, best practices and state-of-the-art technologies tailored to the needs of highway agencies and road operators that can be used to prevent road crashes, and reduce the severity of accidents.

PARTNER SESSIONS

These "by invitation" sessions focus on specific intervention areas developed by road stakeholder organizations.

CERTIFIED WORKSHOPS

As a leading provider of road sector knowledge, the IRF offers all registered delegates access to a program of certified training workshops before and during the event.

INVESTOR SESSIONS

Major projects and associated business opportunities in the host country and neighboring region will be presented by government officials and investment agencies.

TECHNICAL & SCIENTIFIC SESSIONS

The technical & scientific portion of the program is developed through the peer evaluation of abstracts and papers by a committee of recognized surface transportation experts and researchers. The best papers will be published in IRF's technical quarterly journal, the IRF Examiner.

LEG-END	ES Executive Session	IS Investors Sessions	PS Partner Session	SRD Safer Roads by Design™	TS/AK Technical S. /Applied Knowledge	E&N Exhibition & Networking	TT/SP Technical Tours & Social Prog.
---------	--------------------------------	---------------------------------	------------------------------	--------------------------------------	---	---	--

28 OCTOBER, SATURDAY

09:00 – 18:00	EXHIBITION SETUP
---------------	------------------

29 OCTOBER, SUNDAY EXHIBITION OPEN: 09:00-18:00

09:00			SRD 1 Road Safety Audits	TS BLOCK 1	EXHIBITION (09:00-18:00)	SPOUSE PROGRAM: Day 1
10:30	REFRESHMENTS SERVED					
11:00	OPENING CEREMONY					
11:30	PLS 1: SMARTER MOBILITY FOR SMARTER CITIES					
12:30	LUNCH / POSTER SESSIONS					
13:30	ES 1 Innovations in Highway Project Engineering	PS 1: Big Data as key enabler for mobility services and smart roads	SRD 2 Education, Enforcement & Road Safety Awareness	TS BLOCK 2	LIVE THEATER (Applied Knowledge)	
15:00	REFRESHMENTS SERVED					
15:30	ES 2 Meeting Environmental Goals with Sustainable Pavement Design	PS 2: Public Transport: mobility evolution in the making	SRD 3 Vulnerable Road Users	TS BLOCK 3	LIVE THEATER (Applied Knowledge)	
17:00	REFRESHMENTS SERVED					

* Session details at: <https://merc.irf.global/program>



30 OCTOBER, MONDAY

EXHIBITION OPEN: 09:00-18:00

09:00	PLS 2: TOWARDS ZERO DEATH AND SERIOUS INJURY IN GCC					EXHIBITION (09:00-18:00)	SPOUSE PROGRAM: Day 2
10:30	REFRESHMENTS SERVED						
11:00	ES 3 Private Public Partnerships: Risks, Rewards & Opportunities	IS 1 Major Infrastructure Programs in UAE		SRD 4 ITS Applications for Road Safety	TS BLOCK 4	EXHIBITION	
12:30	LUNCH / POSTER SESSIONS						
13:30	ES 4 New Forms of Road Contract & Asset Mgmt		PS 3: Korean technology showcase	SRD 5 Roadside Safety	TS BLOCK 5	LIVE THEATER (Applied Knowledge)	
	ES 6-1 Connected & Autonomous Vehicles: Is Our Road Network Ready? (Part I)						
15:00	REFRESHMENTS SERVED						
15:30	ES 5 Advances in Bridge Design & Delivery		PS 4 : Innovative perspectives for an efficient tunnel operation	SRD 6 Data Driven Road Safety Programs	TS BLOCK 6	LIVE THEATER (Applied Knowledge)	
	ES 6-2 Connected & Autonomous Vehicles: Is Our Road Network Ready? (Part II)						
17:00- 18:00	REFRESHMENTS SERVED						
20:00	GALA DINNER						

31 OCTOBER, TUESDAY

EXHIBITION OPEN: 09:00-14:00

09:00- 16:00		WS 1: THE POLICE ROLE IN ROAD TRAFFIC SAFETY		WS 2: UNDERGROUND SUSTAINABLE SOLUTIONS FOR TRANSPORT		
09:00	ES 7-1 Next Generation Urban Mobility Part 1	IS 2 Major Infrastructure Programs in GCC & MENA		SRD 7 Work Zone Safety	TS BLOCK 7	EXHIBITION (09:00-14:00)
10:30	REFRESHMENTS SERVED					
11:00	ES 7-2 Next Generation Urban Mobility Part 2				TS BLOCK 8	
12:30	REFRESHMENTS SERVED					
13:00	PLS 3: COMMON CHALLENGES, SHARED SOLUTIONS: AN AGENDA FOR GCC & CLOSING CEREMONY					
14:00- 19:00					EXHIBITION TEAR DOWN	TECHNICAL TOURS

AWARDS PROGRAM

The IRF Awards Programs are set up to gather information on the exemplary people and projects that place this industry at the forefront of social and economic development. By recognizing such individuals and groundbreaking projects, the IRF seeks to publicize the great positive impact that the road building industry has on the global quality of life. By promoting the innovative ideas and successes of our industry, we can provide a road map for others to follow.

GLOBAL ROAD ACHIEVEMENT AWARDS

The IRF Global Road Achievement Awards (GRAA) program is a competition to honor and recognize road-industry projects that demonstrate excellence and innovation in road development worldwide. The program, which is designed to elicit information on successful projects and programs from leading industry organizations, will draw attention to these leading projects and organizations, providing a road map for others to follow in continuously improving and advancing road development worldwide.

DR. MINO AWARD OF EXCELLENCE

Named after Dr. Sadamu Mino, an IRF Fellow from Japan who attended The Ohio State University as an IRF Fellow (Class of 1954), the Dr. Mino Award, bestowed every four years, is the most prestigious award for IRF Fellows and was developed to recognize and honor outstanding graduates of the IRF Fellowship Program who leveraged their educational experience to make outstanding achievements in roadway development and planning around the world.



PROFESSIONAL OF THE YEAR

The International Road Federation Professional of the Year Award is one of the most prestigious individual honors in the global road industry. The Award, which was established in 1951 and is open to both IRF members and non-members, recognizes eminent public, private and educational sector professionals who have demonstrated passion, leadership and commitment to the sector.



2016 GRAA WINNERS

GLOBAL ROAD ACHIEVEMENT AWARDS

October 30 - 31

DR. MINO AWARD OF EXCELLENCE

October 30

Opening
Ceremony

Opening Ceremony

In the presence of H.H. Sheikh Hamdan bin Mohamed Al Maktoum

October 29, 11:00 – 11:30

PLS1

Smarter Mobility for Smarter Cities

October 29, 11:30 – 12:30

SUMMARY

Confronted with growing mobility demand, municipal leaders across the region are investing in a range of new infrastructure programs and services, as evidenced by the emergence of spectacular highway and mass transit projects throughout the region. These projects are increasingly combined with measures aimed at optimizing existing networks through active traffic management, notably by harnessing the exponential growth in the quality and diversity of user data available to network operators.

PLS2

Towards Zero Road Death and Serious Injury in GCC & MENA

October 30, 09:00 – 10:30

SUMMARY

The incidence of road crashes in the region is rising at an alarming rate and is now the leading cause of death and serious injury among young adults. Sustained economic growth alone will not automatically deliver better road safety performance and may in fact lead to a period of increased traffic injuries. Transformational changes in the management of the road system along with ownership of the problem by multiple stakeholders are crucial to reduce road crash fatalities and injuries.



PLS3

Closing Ceremony: Common challenges, Shared solutions

October 31, 13:00 – 14:00

SUMMARY

Using the main policy and scientific outputs of the IRF Middle East & North Africa Regional Congress, this session will endeavor to mobilize stakeholders of the transport system in support of a shared vision and implementation agenda for the benefit of the region's societies and economies.



Abdullah Al-Mogbel

IRF Global
Chairman



H.E. Mattar Al-Tayer

Dubai RTA
Director-General
& Chairman



Patrick Sankey

IRF Global
CEO - President



Maitha bin Adai

Dubai RTA
CEO - Traffic &
Roads Agency

ES1

Executive Session

Innovations in Highway Project Engineering

October 29, 13:30 – 15:00

SUMMARY

The growing number of mega infrastructure projects in Dubai and the region requires an intricate knowledge of project management methods and increasingly sophisticated engineering processes. This session will feature top specialists sharing their own experiences and offering their thoughts on how public agencies and the private sector can get the best value for money from these projects.

MODERATOR



Eric Cook, Managing Director, Manchester Consulting (USA)

PANELISTS



Thierry Goger, Secretary General, FEHRL
Innovative transport infrastructure development



Nick Garemo, Partner, McKinsey & Co (UAE)
Improving road delivery performance globally



Christos Rados, Managing Partner, RACE (Greece)
Managing highway mega-projects



Anas Kassem, Director of Transport & Infrastructure, WSP (UAE)
Procurement Strategies for Future Infrastructure

ES2

Executive Session

Meeting environmental goals with sustainable pavement design

October 29, 15:30 – 17:00

SUMMARY

Using real world case studies taken from different fields of engineering, this roundtable will identify promising applications as well as knowledge gaps that can be addressed through information and capacity-strengthening programs that can help make the region's road infrastructure more environmentally sound and resilient to extreme weather events.

MODERATOR



Thierry Goger, Secretary General, FEHRL

PANELISTS



Kamil Kaloush, Professor, Arizona State U. (USA)
Sustainable Pavements



Robert Lark, Professor Cardiff University (UK)
Self-healing construction materials - A new future for our infrastructure



Fu-Hisung Shih, Senior Specialist, Ding Tai Co. Ltd
JW Eco Technology



Vivek Kane, CEO, Zydex (India)
Water-resistant Roads

ES3

Executive Session

Public Private Partnerships: Risks, Rewards & Opportunities

October 30, 11:00 – 12:30

SUMMARY

Public Private Partnerships are being increasingly utilized throughout the GCC as an alternative to traditional public financing methods for road and surface transport infrastructure. This workshop will bring together top practitioners to examine what conditions are required to implement successful PPP and road tolling projects that bring value to the government, its private sector partners, and the public.

MODERATOR



Marc Ribo, Abertis Infrastructure (Spain)

PANELISTS



Mehran Avini, Senior PPP Advisor
PPPs: Stakeholders, Risk Sharing and Bankability



Nazir Alli, former CEO, SANRAL (South Africa)
PPP Lessons from South Africa



Sreejith Narayanan, Assistant VP, IL & FS (India)
PPP Lessons from India



Benoit Rossi, Head of Marketing, emovis (France)
Innovative PPP approaches

ES4

Executive Session

New Forms of Road Contract & Asset Management

October 30, 13:30 – 15:00

SUMMARY

Some countries excel at long term infrastructure asset management & financial planning, while others have fallen behind. Fast-motorizing economies in the region have an excellent opportunity to begin planning for long term maintenance during the investment stage of their infrastructure. This panel will address the region's commonly shared challenges, and discuss opportunities to build a framework for knowledge sharing around best practices for infrastructure asset management.

MODERATOR



Asif Faiz, Senior Highway Advisor, World Bank, ADB

PANELISTS



Omar Smadi, Professor, Iowa State U. (USA)
Data Requirements to Support Asset Management/Performance-based Functionality



Martijn van Gils, Managing Partner, Royal Oak Transport (NL)



DJ Swan, Service Line Manager, Road Land Asset Integrity, FUGRO (UAE)
Assessing Road Condition



Daniel Llord, Civil Engineer, Ministry of Infrastructure Development (UAE)
Performance-Based Contracts for the Federal Road Network in the UAE

ES5

Executive Session

Advances in Bridge Design & Delivery

October 30, 15:30 – 17:00

SUMMARY

The region is home to some of the most spectacular bridge structures in the world, offering a particularly appropriate setting for a comparative review among leading professionals on the topics of research and innovation applied to the design, construction and maintenance of road bridges.

MODERATOR



Magid Elabyad, Vice President,
International Road Federation

PANELISTS



Amin Akhnoukh, Associate Professor,
Construction Management, East
Carolina University
Superior Bridge Girders for the New Millennium



Masahiro Yanagihara, Director, IHI
Infrastructure Systems Co., Ltd.
(Japan)
Izmit Bay Bridge (Osman Gazi Bridge)



Vikas Rane, AFCONS(India)
*Fast-track erection of the largest skew steel
truss bridge of India*

NOT A MEMBER? JOIN THE IRF TODAY SIX GREAT REASONS

1

Access to
Global Best
Practices

2

Continuing
Professional
Development

3

Worldwide
Networking &
Matchmaking

4

On-demand
Seminars and
Scanning
Tours

5

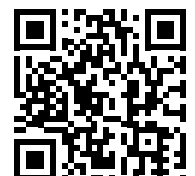
Regional
Support

6

Unique Access
to the Next
Generation of
Top Tier
Employees

For more details, please contact melabyad@IRF.global or visit

www.IRF.global/membership



Connected & Autonomous Vehicles: Is Our Road Network Ready?

Part 1: Policies

Part 2: Impacts

Part 1: October 30, 13:30 – 15:00 |

Part 2: October 30, 15:30 – 17:00

SUMMARY

All of the pathways to full automation identify an initial phase of deployment on specialized infrastructure, whether dedicated freight corridors, controlled-access highways or designated urban perimeters. This session will endeavor to achieve the same level of consensus on the design characteristics of these infrastructures and the associated traffic management functions.

MODERATOR



John Funny, President & CEO, Grice Consulting

PANELISTS



Jonathan Spear, Director, Atkins Acuity (Singapore)

Driving the Future Today: an introduction to Connected & Autonomous Vehicles



Khaled Al Awadhi, Dubai RTA (UAE)

Dubai's Autonomous Transportation Strategy



Cristina Marolda, Research Officer, European Commission

Connected & Autonomous Vehicles in the EU



Koorosh Olyai, Senior Principal, Stantec (USA)

Connected & Autonomous Vehicles in North America



Mohammed Abdel-Aty, Chair, Department of Civil Engineering, University of Central Florida (USA)

Safety Analysis of Connected Vehicle Applications



Sonal Ahuja, Regional Director, PTV (UAE)

Traffic Impact of Connected and Autonomous Vehicles



Andrew Bui, Senior Project Manager, AECOM (USA)

Infrastructure Implications for Connected and Autonomous Vehicles

ES7

Next Generation Urban Mobility

Part 1: Case Studies

Part 1: October 31, 9:00 – 10:30 |

SUMMARY

Faced with growing problems posted by urban congestion, forward-looking municipalities across the region are turning to smart mobility solutions and the enormous potential they hold. This session will examine what innovations in city street planning and management that are most conducive to leveraging the increasing connectivity of road users and availability of "big data".

Part 2: Enablers

Part 2: October 31, 11:00 – 12:30

MODERATOR



Tom Antonissen, International Road Federation

PANELISTS



Mohammed Al Hashimi, Dubai RTA (UAE)

Innovation and Transformation of Urban Mobility



Al Kazickas, Practice Leader, Parsons (UAE)

Dubai Smart City Infrastructure Networks



Esma Dilek, Deputy Manager, Istanbul Metropolitan Municipality (Turkey)

Istanbul's Smart City Vision



Essam Radwan, Professor, University of Central Florida (USA)

Smart City Strategies in North America



Laurianne Krid, Director General, FIA Region I

From car ownership to Mobility as a Service



Abdullah Al Bastaki, Dubai RTA (UAE)

Business and Governance Models for Smart Cities



Frank Försterling, Head of R&D, Continental Automotive (Germany)

Integrated approach to smart city mobility



William Sowell, Vice President, Eberle Design Inc. (USA)

Making Cities Safer: Data Collection for Vision Zero



Use hashtag #IRFMENA during the event

PS1

Big Data as key enabler for mobility services and smart roads

October 29, 13:30 – 15:00

SUMMARY

Big Data are essential for building new mobility services based on real time information. Big data can help to make multimodal travels seamless and easier, cities smarter and roads more efficient. Big Data are also key enablers of Cooperative ITS services and MaaS services. The aim of the session is to analyze some best practices and lessons learnt on Big Data management and applications in cities and smart highways, as well as to discuss possible barriers, both technical and organizational, that can hamper the deployment of robust services based on Big Data and which are the main perspectives of development.

MODERATOR



Olga Landolfi, Secretary General, TTS Italia (Italy)

PANELISTS



William Sowell, Vice President, Eberle Design Inc. (USA)
An Executive Introduction to Big Data



Stephane Dreher, Advisor, Transport Data & Statistics
Deployment of Big Data systems in GCC



Monica Gianini, International Road Transport Union



Giuseppe Celia Magno, Tecnositaf (Italy)



Jaap van den Hoek, Director of Public Sector, Inrix (Netherlands)



Partner Session

PS2

Public Transport: mobility evolution in the making

October 29, 15:30 – 17:00

SUMMARY

The session will highlight how public transport is leading the mobility transition and taking advantage of emerging technologies and concepts. From autonomous shared vehicles, electric vehicles, shared bikes, real-time information, streamlined booking and payment, and transport network services this is an exciting time for public transport. Cities across the globe are emphasizing once again how public transport is an integral part of quality of life and embarking on this transition.

MODERATOR



Ayman Smadi Director UITP MENA Regional Office

PANELISTS



Mohamed Mezghani, Deputy Secretary General, UITP



Guido Di Pasquale, Senior Manager, Research & Innovation, UITP

Partner Session

PS3

Partner Session

Korean technology showcase

October 30, 13:30 – 15:00

SUMMARY

This session will highlight Korea's current initiatives to promote overseas business and enhance international cooperation in the road sector. It will also provide a brief introduction of the Korea Road Association International Road Center and the duties they perform. Furthermore, several state-of-the-art technologies and products developed by road sector companies in Korea will be showcased.

MODERATOR



Insoo Yeo, Korea Road Association (Korea)

PANELISTS



Hyuk Soo Cho, Korea Expressway Corporation (Korea)
Innovative Automatic Incident Detection System



Dominica Lee, UNISON e Tech (Korea)
Bridge Bearing & Expansion Joint



Chang Beom Suh, G&I Tech (Korea)
An Innovative Solution to increase Road Safety and Visibility by Solar LED Traffic Safety products



Jiwon Choi, JSK Glass Breaker (Korea)
JSK GLASS BREAKER saves your life



Korea Road Association

PS4

Partner Session

Innovative perspectives for an efficient tunnel operation

October 30, 15:30 – 17:00

SUMMARY

Tunnels play an essential role in urban and interurban mobility, and the safety of tunnel users is a paramount concern. This session will review international best practices in designing and planning for optimal safety, ensuring that operational issues are considered throughout the tunnel life cycle and that technology enablers are fully utilized.

MODERATOR



Michel Deffayet, Director, CETU (France)

PANELISTS



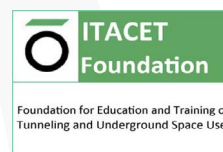
Roland Leucker, ITA-COSUF
Importance of considering operational issues at the early design stage



Marc Tesson, PIARC
Efficient organisation for operation and high level of safety



Niels-Peter Hoj, ITA-COSUF
Risk based decision making



REGISTRATION NOW OPEN

SRD1

Safer Roads by Design™ Session

Road Safety Audits

October 29, 09:00 – 10:30

SUMMARY

Designing new roads with ambitious built-in safety features offers a cost-effective way of saving lives. During this session, road engineers, crash data specialists and highway agencies will present best practices and state of the art technologies to mainstream road safety audits and other network safety management tools.

MODERATOR



Mike Dreznez, Executive Vice President, IRF Global

PANELISTS



Siegfried Grosskopf, Parsons (UAE)

Benefitting from Road Safety Audits in UAE



Thomas G. Duffy, Chartered Engineer (Ireland), Duffy Consulting Engineers

Benefitting from Road Safety Audits in the Middle East



Daniel Albuquerque, University of UAE (UAE)

Real World Experiences with Road Safety Audit in UAE



Alex Hanna, Khatib & Alami (Lebanon)

Infrastructure Push Offers Opportunities to Improve Road Safety in the Kingdom of Saudi Arabia

SRD2

Safer Roads by Design™ Session

Education, Enforcement & Road Safety Awareness

October 29, 13:30 – 15:00

SUMMARY

Social marketing campaigns are an important component of national and local road safety strategies, typically focused on key behavioral risk factors: speeding, drinking and driving, and failing to use motorcycle helmets, seatbelts and child restraints. The results and lessons generated from this work will be presented in this session.

MODERATOR



Britta Lang, Senior Safety Specialist (UAE)

PANELISTS



Ali Asery, Saudi Society for Traffic Safety (KSA)

Roads Code of Ethics and Conduct



Wafa Dabbas (Jordan)

Mobile Phones and Distracted Driving



Thomas Edelmann, Managing Director, Road Safety UAE (UAE)

What Drives UAE Motorists?



Khalood Aldossary & Haifa Al Fajhan, Traffic Safety Signature Program, Saudi Aramco (KSA)

Saudi Aramco role in changing traffic safety behavior among youth

SRD3

Safer Roads by Design™ Session

Vulnerable Road User Safety

October 29, 15:30 – 17:00

SUMMARY

Vulnerable road users are over-represented in serious and fatal traffic injuries throughout the world. The session will discuss the reasons pedestrians, bicyclists, motorcyclists, public transportation vehicles and non-motorized vehicles are involved in these impacts and what corrective actions can be taken to reduce their frequency.

MODERATOR



Mike Dreznes, Executive Vice President, IRF Global

PANELISTS



Tolga Imamoglu, World Resources Institute (Turkey)
Addis Ababa LRT Road Safety Inspection



Prerana Arora, Center for Road Safety, Sardar Patel University of Police (India)
Real World Experience Implementing a Motorcycle Helmet Law



Bruno Kinyaga, The Chartered Institute of Logistics and Transport (Tanzania)
Chaos and Disruptions as the Challenge to Urban Transportation in Tanzania



Daniel Albuquerque, University of UAE (UAE)
Retrofitting Urban Streets: A Real-World Application

SRD4

Safer Roads by Design™ Session

ITS Applications for Road Safety

October 30, 11:00 – 12:30

SUMMARY

This session will discuss ITS technologies that are now available and can help us achieve smarter and safer road mobility in GCC & MENA countries. Presenters will feature case studies on the use of geographic information systems and smart applications that have had a notable impact on road safety when deployed.

MODERATOR



Essam Radwan, Professor, University of Central Florida (USA)

PANELISTS



Richard Budden, ESRI (USA)
Safer Roads with GIS



Muhamad Farhan, Imam Abdul Rehman Bin Faisal University (KSA)
Smart Mobility and ITS Deployment



Georges Aoude, DERQ (UAE)
Early Warning Crash Detector



Vincent Lecamus, Managing Director, Immergis (France)
Road safety & GIS network assessment



Kevin Cannon, Brake-Plus (USA)
How RTA is Using a Pulsing Third Brake Light to Reduce Rear-End Collisions

SRD5

Safer Roads by Design™ Session

Roadside Safety

October 30, 13:30 – 15:00

SUMMARY

Roadside Safety is a critical element of road safety. This session is designed to encourage practitioner-led exchanges on items used to create forgiving roads as recommended in the Safe System Approach. Topics discussed will include longitudinal barriers, crash cushions, terminals and transitions, as well as the importance of site specific data to determine the most appropriate product for a particular application.

MODERATOR



Mike Dreznez, Executive Vice President, IRF Global

PANELISTS



Akram Abu-Odeh, Research Scientist, Texas A&M Transportation Institute (TTI) (USA)

An Update on Generic Safety Hardware Tested Under MASH



Marcus Bergendahl, Trinity (USA)

Crash Cushions – An Introduction To What They Are Designed To Do



Roberto Impero, Industry Ams Srl (Italy)

Developments in Roadside Safety



Steve Johnson, Lindsay Transportation (Singapore)

Reducing Congestion and Saving Lives with Moveable Barriers

SRD6

Safer Roads by Design™ Session

Data Driven Road Safety Programs

October 30, 15:30 – 17:00

SUMMARY

Managerial and technical capacity weaknesses combined with lack of political ownership of road safety targets and underperforming infrastructure present formidable barriers to progress for many countries. There is great complexity in delivering road safety programs and reliable data is needed to achieve effective interventions. This session has been designed for safety professionals who want a theoretical and practical overview of data-driven road safety programs.

MODERATOR



Alan Ross, President, International Road Safety Center

PANELISTS



Arif Mehmood, Abu Dhabi DMAT (UAE)

Interactive Dashboard for Analysis of Road Crash Data



Stephen Lambert, Abu Dhabi Municipality (UAE)

Using Data to Identify Driver Issues to Develop Education and Enforcement Campaigns



Krsto Lipovac, Professor, University of Belgrade (Serbia) & Deputy President, IRSC

Data-Driven Police Enforcement



Wolfgang Wink, Senior Manager Int. Division, Volkmann & Rossbach (Germany)

Zero Fatalities in Road Crashes ? What a challenge !!



Mohammed Nabhan, Dubai RTA (UAE)

Safety of heavy vehicles

Work Zone safety

October 31, 9:00 – 10:30

SUMMARY

Work zones are hazardous both for motorists who drive through the complex array of signs, barrels, and lane changes and for workers who build, repair, and maintain streets, bridges, and highways. Panelists and participants will exchange international best practices on how to design a safe work zone using a combination of good practices and new technologies.

MODERATOR



Tawab Kazemi, Country Director & Head of Transportation Middle East, Transport Research Laboratory (TRL)

PANELISTS



Ahmed Awad, Vitronic (UAE)
Point to Point Speed Enforcement in Work Zones



Marcus Bergendahl, Trinity (USA)
The 5 'Ws' of Truck Mounted Attenuators (TMAs)



Tim Cox, PSS (USA)
Disabling Distracted Drivers in Work Zones



Ben Duncker, Highway Care (UK)
Developments in Work Zone Safety



Phil Azar, Khatib & Alami (Lebanon)
Simulating Construction Traffic using PTV VISSIM



Use hashtag #IRFMENA during the event



Part 1: Applied Innovation in Rubberized Pavements

October 30, 13:30 – 17:30

SUMMARY

This session details the use, benefit and cost of rubberized asphalt in pavement design. Worldwide examples of such usage will be presented along with benefits and cost considerations. The latest research in the properties of Activated Crumb Rubber Modified Binders and Reacted and Activated Rubber Binders will also be highlighted in this overview of the international state of the art.

MODERATOR



Kamil Kaloush, Professor, Arizona State U. (USA)
Sustainable Pavements

PANELISTS



George B. Way, Consulpav (USA)
Rubberized Asphalt Materials Use, Benefit and Cost



Jose Roberto Medina Campillo, Arizona State University (USA)
Properties of Activated Crumb Rubber Modified Binders



Akshay Gundla, Arizona State University (USA)
Properties of Activated Crumb Rubber Modified Binders



Naser Alsaad, Arizona State University (USA)
Reacted and Activated Rubber (RAR) PG64-22 Binder Study

Part 2: Asphalt Rubber Performance Testing

October 30, 13:30 – 17:30

SUMMARY

Asphalt rubber mixtures continue to receive great attention from many transportation agencies world-wide because of their ability to improve pavement performance compared to conventional designs. In this session, a number of studies will present the unique properties and characteristics of asphalt rubber mixtures in terms of improved permanent deformation and fatigue cracking. The unique engineering properties of asphalt rubber mixtures are discussed along with recommendation on how to use them in current pavement design procedures.

MODERATOR



Kamil Kaloush, Professor, Arizona State U. (USA)
Sustainable Pavements

PANELISTS



Janak Shah, Arizona State University (USA)
RARX: Superpave Mix Design and Performance Testing



Aswin Srinivasan, Arizona State University (USA)
RARX: Superpave Mix Design and Performance Testing



Alpino Iskander, CONBLOC INFRATECNO (Indonesia)
Crumb Rubber Modified Asphalt Trial, SAMI + SMA, JORR W2 Toll Road, Jakarta, Indonesia



Jorge Sousa, Consulpav (Portugal)
Mix Design ThinGap with RAR and Monitoring Pavement Condition

THE INDUSTRY'S MOST TRUSTED BRANDIN EXECUTIVE EDUCATION

As a strong believer in continuing education, the IRF provides members as well as road professionals worldwide with educational and professional development opportunities and resources. Our Global Training Curriculum provides technical expertise in classroom and practical settings where attendees can learn from and have direct access to seasoned professionals. Each course not only provides the most relevant, up-to-date information and best practices and solutions, but is also designed to assist attendees in learning to correctly apply the knowledge gained.

PREREGISTRATION REQUIRED - LIMITED SEATING

The following workshops are accessible to all registered delegates for a small extra charge (US\$ 150). The fee includes access to all the course teaching materials and individual certificates for participants.

WS1

WS1 : The Police Role in Road Traffic Safety

October 31, 09:00 – 16:00

SUMMARY

The aim of the course is to improve knowledge and attitudes to traffic policing in order to improve effectiveness of traffic police work and to ensure better integration with other measures of improving road safety. The course will discuss modern data led policing, risk mapping, traffic law enforcement strategies, blackspot improvement programs, European protocol for recording road accidents and the relationship between traffic policing and campaigns. The main targets are mid-level traffic policemen and their senior officers from the Gulf as well as other stakeholders associated to enforcement processes such as prosecutors, police academy trainers, academia and other subject matter specialists involved with road traffic safety law.

LEAD INSTRUCTORS



Alan Ross, President, International Road Safety Center



Krsto Lipovac, Deputy president, International Road Safety Centre



Meredyd Hughes, Road Safety Support (UK)



Workshop

WS2

Workshop

WS2: Sustainable underground solutions

October 31, 09:00 – 16:00

SUMMARY

Road tunnel for transport have existed for centuries and their development is still very active, both in developed and emerging economies. In a context of increased regulatory oversight and growing technical complexity, this course provides an essential understanding of advances in engineering technologies and operational processes. The course is particularly adapted to tunnel professionals, such as tunnel owners, designers, construction engineers, supervisors, managers and operators as well as students with an interest in urban tunneling methods, requirements and safety parameter.

LEAD INSTRUCTORS



Tarcisio Celestino, President, ITA



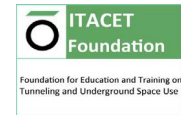
Michel Deffayet, Director, CETU



Piergiorgio Grasso, ITA



Jeroen Meijering, Vigiles



NOT A MEMBER? JOIN THE IRF TODAY SIX GREAT REASONS

1

Access to
Global Best
Practices

2

Continuing
Professional
Development

3

Worldwide
Networking &
Matchmaking

4

On-demand
Seminars and
Scanning
Tours

5

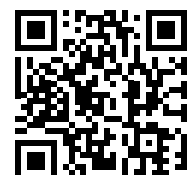
Regional
Support

6

Unique Access
to the Next
Generation of
Top Tier
Employees

For more details, please contact melabyad@IRF.global or visit

www.IRF.global/membership



TS

Technical & Scientific Sessions

October 29, 09:00-10:30

TS 1.1: Future Accelerators in Transportation and Infrastructure

TS 1.2: New Technologies in Accelerated Bridge Construction

TS 4.1: Traffic Safety Policies & Programs

October 29, 13:30-15:00

TS 2.1: Innovation & Transformation of Urban Mobility

TS 5.1: Preserving Road Assets

TS 4.2: Safer Streets By Design 1

October 29, 15:30-17:00

TS 3.1: Smart Parking & Electronic Toll Initiatives

TS 5.5: Road & Bridge Inventory & Inspection

TS 2.2: Road Design Standards for Connected and Autonomous Vehicles

October 30, 11:00-12:30

TS 2.3: Connected Urban Environments

TS 5.2: Innovative Pavement Design & Construction 1

TS 4.4: Safer Streets By Design 2

October 30, 13:30-15:00

TS 2.4: Urban Mobility & Smart Cities

TS 5.3: Innovative Pavement Design & Construction 2

TS 6.1: Greening Road Projects 1

October 30, 15:30-17:00

TS 2.5: Managing Urban Mobility

TS 5.4: Innovative Pavement Design & Construction 3

TS 4.3: Traffic Safety Culture: Creating a Lasting Behavioral Change on Road Users

October 31, 09:00-10:30

TS 5.6: Road Asset Management in Practice

TS 5.7: Sustainability In Pavement Design & Construction

TS 6.4: Land-use & Transportation Planning

October 31, 11:00-12:30

TS 6.3: Value Engineering

TS 3.2: Intelligent Infrastructure & Cyber Security

TS 6.2: Greening Road Projects 2

Technical & Scientific



SITE VISIT

Dubai Water Canal Project

October 31, 14:30 – 17:00



The Dubai Water Canal Project is an extension of Deira Creek, linking Business Bay to the Arabian Gulf. The 3.2-kilometre-long canal serves as the final segment of the Dubai Creek extension, terminating in the Arabian Gulf via Al Safa, Al Wasl and Jumeirah 2. Work on the canal began in October 2013, running through five phases that saw three flyovers built, apart from the excavation work. The canal was successfully open to public in November 2016.

The opening of the canal offers new possibilities in marine transport, connecting the historic areas of Deira and Bur Dubai through the extended waterway of Dubai Creek, Business Bay and Dubai Water Canal. The project owner - Road and Transport Authority (RTA) intends to turn the waterway into a first-rate marine transport hub, with five stations serving six million passengers annually.

Key project facts:

- Collaboration of many different engineering disciplines, architects, hydrologists and ecologists from within the region and around the world*
- 3.2 kilometres of canal extension works including excavation of 3 million m³ of soil and reuse to create coastal reclamation, placing thousands of quay wall blocks each weighing 40 tons, and over a million m³ of rocks paved in the marina*
- Extensive non-disruptive (NDRC) utility diversions under the canal. Elevating three major roads including the busiest highway in the Emirates*
- Unique aesthetic features: waterfall on the bridge; three iconic pedestrian bridges resembling the history, present and future of Dubai; board walk and plazas overlooking the canal; viewing deck on bridges and pedestrian connectivity structures; and interactive smart app features*
- Successfully delivered within an extremely challenging schedule and aggressive timeline*

SPOUSE PROGRAM (US\$ 250 / PERSON)

Dubai is the city of wonder, elegant and trendy developments and futuristic infrastructure of the city makes it a haven of tourism, it is entertaining and educative. While on the tour you get a chance to visit the best attractions of Dubai. It is the opportunity to view the natural as well as manmade wonders of Dubai and admire its craftsmanship closely very much giving a feast to your eyes.

Sunday, October 29 & Monday, October 30 - Pick-up : 9:30am Drop off 4:00pm

Includes access to the Congress Gala Dinner at the prestigious Palm Jumeirah Waldorf Astoria Get ready for a Sightseeing Tour Dubai to see breathtaking sights including:

DAY 1	New Dubai	Dubai Marina Boat Ride	Spice Bazar & Gold Souk		
DAY 2	Creek Park & Dubai Dolphinarium	Dubai Mall	Top, Burj Khalifa	Aquarium & Underwater Zoo	Congress Gala Dinner



SIGHTS OF DUBAI

As one of the 2.74 million visitors welcomed by the Dubai World Trade Centre every year, you are about to experience why Dubai is so internationally attractive as a central hub for business and leisure pursuits.

The following tours are available on demand. Please enquire with priya@cozmotravel.com

DUBAI HALF DAY CITY TOUR

The City Tours Dubai feature a captivating past, an abundance of culture and filled with historic buildings and world-class museums. This standard 90 minute city tour includes: Jumeirah Mosque, Jumeirah Beach, The Palm Jumeirah, Gold and Spice Souq, Dubai Creek, Bastakiya area, Burj Khalifa, Burj Al Arab and many more.

🕒 AED 75.00 PER PERSON

BURJ KHALIFA AT THE TOP

Rise up to the 124th floor to enjoy eye-catching views of this modern city and Desert!

🕒 AED 150 PER PERSON (Off-peak hours)

EVENING DESERT SAFARI

A Desert Safari Dubai is by far the most popular tourist activity that Dubai has to offer its visitors. Only a short drive out of the city, this recreation offers experienced skillful dune bashing, And many more.

🕒 AED 160 PER PERSON

MARINA DHOW CRUISE WITH DINNER

An evening under the moonlight. The Dubai Marina Dinner Cruise is an evening of Live Entertainment & Dinner across the largest man-made Marina in the world.

🕒 AED 170 PER PERSON

ATLANTIS AQUAVENTURE WATER THEME PARK

Vast water park with zip lines, slides through shark-filled lagoons & a splash area for kids

🕒 AED 280 PER PERSON

RECOMMENDED HOTELS

The following hotels are located close by the Congress venue. Interested delegates are invited to send their hotel reservation requests to priya@cozmotravel.com.

CONRAD DUBAI



7 min, 2.7 km

Type: Deluxe Room + Breakfast

13 min, 850 mt.

Average Rate: 900.00 AED/per night

<http://conraddubai.com>

THE H DUBAI



5 min, 1.9 km.

Type: Deluxe Room + Breakfast

20 min, 1.5 km.

Average Rate: 600.00 AED/per night

<http://www.h-hotel.com/dubai>

SHERATON GRAND HOTEL DUBAI



6 min, 2.2 km.

Type: Standart Room + Breakfast

10 min, 750 mt.

Average Rate: 775.00 AED/per night

<http://www.sheratongrand-dubai.com>

CROWNE PLAZA DUBAI



8 min, 3.8 km.

Type: Deluxe Room + Breakfast

20 min, 1.6 km

<https://www.ihg.com/crowneplaza>

NOVOTEL WORLD TRADE CENTRE DUBAI



1 min, 300 mt.

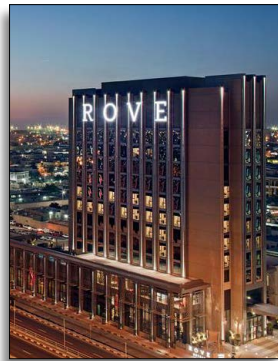
3 min, 300 mt.

Type: Standart Room + Breakfast

Average Rate:
610.00 AED -Single/per night
660.00 AED- Double/per night

<http://www.novotel.com>

ROVE TRADE CENTRE



4 min, 1.8 km.

25 min, 1.8 km

Type: Deluxe Room + Breakfast

Average Rate:
430.00 AED /per night

<http://www.rovehotels.com>

HOTEL IBIS ONE CENTRAL



6 min, 1.8 km.

2 min, 200 mt.

Type: Deluxe Room + Breakfast

Average Rate:
430.00 AED -Single/per night
490.00 AED- Double/per night

<http://www.ibis.com>



IRF[®]
— GLOBAL —

SHOWCASING INNOVATION

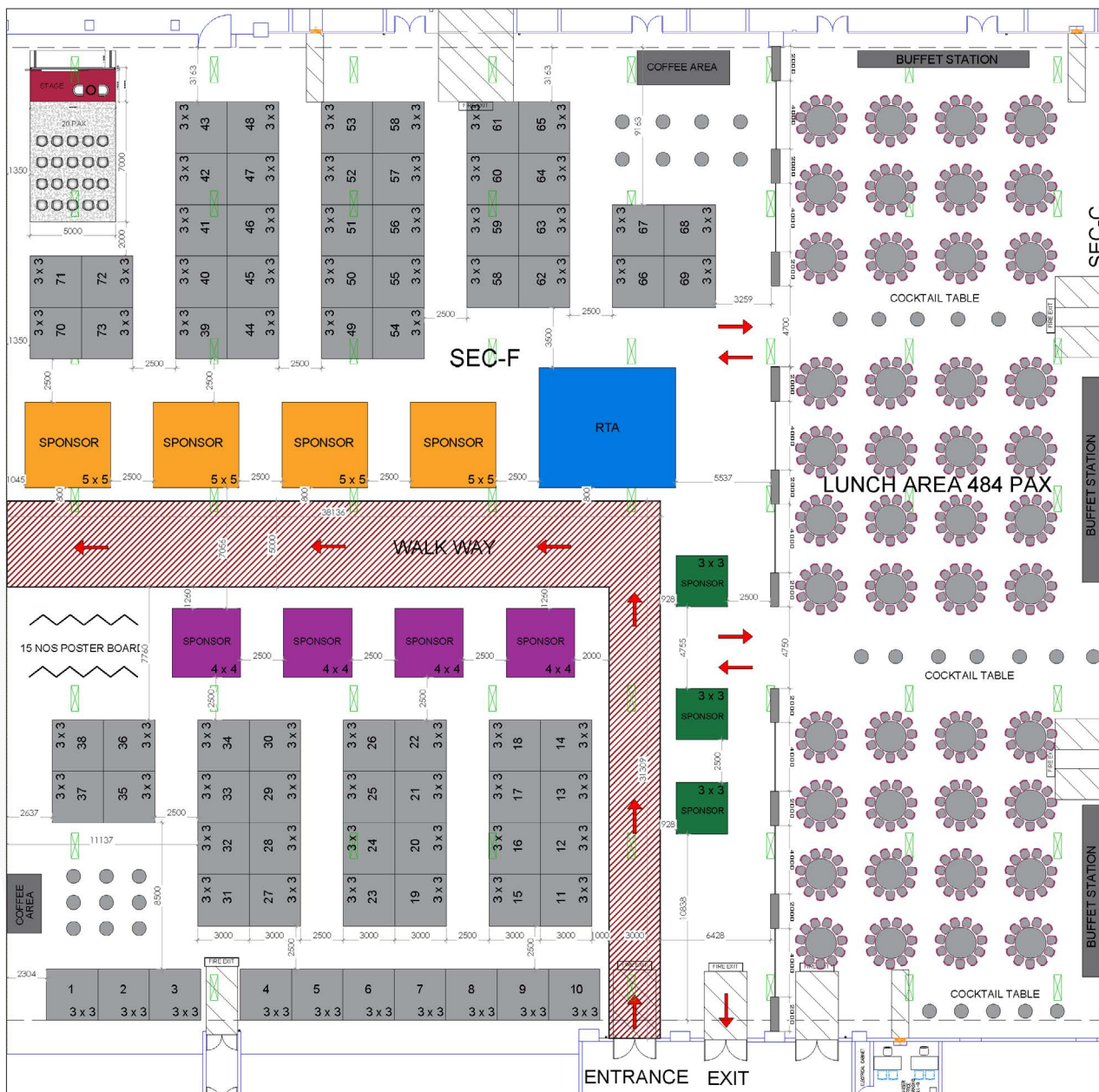
Place your company's brand, products and services at center stage during this high-level industry event. With an exhibit or sponsorship package you can build greater market awareness by increasing your exposure in front of top decision makers, government officials and buyers who are directly involved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

The IRF Middle East & North Africa Regional Congress & Exhibition offers a wide variety of sponsorship packages, as well as individual defined benefits, all designed to increase your corporate visibility and ensure your brand is seen. As an exhibitor sponsor at IRF's premier 2017 event, you will be in a strategic position to showcase your products and services in front of an Middle East and international market.

- Raise your profile and strengthen your brand awareness
- Position your brand as a market leader in a dynamic region
- Differentiate your brand from competitors
- Maximize exposure of your brand to the media and visitors
- Generate leads with exclusive access to a targeted audience
- Present your innovations at Applied Knowledge sessions
- Make your mark at a milestone event with influential professionals from across all road industry disciplines



EXHIBITION FLOOR PLAN



* Each Booth is 3x3 Meters

* The event organizers reserve the right to modify the online or PDF exhibition and/or event floor plan at any time

EXHIBIT RATES

OPTIONS	IRF MEMBER	NON MEMBER
INCLUDES SHELL SCHEME*	US \$300/m ² *	US \$400/m ² *
NO SHELL SCHEME	US \$200/m ²	US \$250/m ²

*Shell schemes include: 1 information desk, 2 folding chairs, electricity, 2 fluorescent lights, 1 wastebasket, 2 exhibit passes (no delegate registration included)

Sponsorship Packages		DIAMOND	PLATINUM	GOLD	SILVER	BRONZE	PATRON	LANYARDS	DELEGATE BAGS
Cost	IRF Member Non-member	US \$160,000 US \$200,000	US \$80,000 US \$100,000	US \$60,000 US \$75,000	US \$40,000 US \$50,000	US \$20,000 US \$25,000	US \$8,000 US \$10,000	US \$40,000	US \$45,000
Chairman's Honor	Choice of an exclusive Meeting Platform with related marketing rights and benefits	✓	✓						
	Choice of an exclusive Meeting Component with related marketing rights and benefits			✓					
	Choice of a non-exclusive Meeting Component with related marketing rights and benefits				✓			✓	✓
	Organization will be honored with a plaque, to be presented to a senior representative by the IRF's President & CEO during the Opening Ceremony	✓	✓						
	Organization will be honored and mentioned by name during the Opening Ceremony			✓					
Company Visibility (Logo) During Event	Oversized logo and company name on a giant banner on the ceiling of the central hall (central meeting point)	✓							
	Oversized logo & banner at the access of opening or closing of the event *	✓	✓						
	Organization logo on a banner (includes production) and/or a screen at plenary sessions entrance *	✓	✓						
	Organization logo on a banner (includes production) and/or a screen at special sessions entrance *	✓	✓	✓					
	Organization logo on a banner (includes production) and/or a screen at executive sessions entrance *	✓	✓	✓	✓			✓	✓
	Organization logo on a banner (includes production) and/or a screen at technical and scientific sessions entrance *	✓	✓	✓	✓	✓		✓	✓
	Organization logos on posters and banners in the registration area of the conference *	✓	✓	✓					
	Logo in posters at press conferences *	✓	✓	✓	✓	✓		✓	✓
	Logo on the screens located in the exhibition entrance (permanent or rotational basis) *	(Permanent basis)	(Permanent basis)	(Permanent basis)	(Rotating basis)	(Rotating basis)		(Rotating basis)	(Rotating basis)
	Logo projected on welcome screens projected at the start of every session *	✓	✓	✓	✓	✓	✓	✓	✓
	Logo on posters at rest areas in Conference hall and Gala Dinner Venue *	✓	✓	✓	✓	✓	✓	✓	✓
	Logo on conference and exhibition badges	✓							
	Organization logo on conference stationery in delegate bags (signs, envelopes, paper) *	✓							
	Exclusive visibility: Exclusive branding on the event lanyards							✓	
Exclusive Logo on delegate bags along with the logos of IRF & RTA								✓	
Insertion of a branded gift item in the delegate bag								✓	
VIP Seating & Access	VIP reserved seating at Chairman's Table during VIP Dinner	✓	✓						
	Access to VIP Room	✓	✓	✓					
	Reserved VIP seating at Gala Dinner	✓	✓	✓					
	VIP reserved seating at the opening and plenary sessions	✓	✓	✓	✓			✓	✓
	VIP seating , at the Gala Dinner	(12 seats)	(6 seats)	(3 seats)	(1 seat)			(1 seat)	(1 seat)
	Reserved VIP seating during VIP dinner	✓	✓	✓	✓			✓	✓
	Access to Gala Dinner					✓			
	Access to VIP bus to transfer to Gala Dinner	✓	✓	✓	✓	✓		✓	✓



IRF PROFESSIONAL DEVELOPMENT HOURS

Earn Up To 18 Professional Development Hours (Pdh)

The IRF has been providing certified training around the world for more than 60 years. Our speakers are recognized global experts. IRF certificates are universally accepted by professional institutions such as Engineering and Transportation Societies.

Certificates will be available upon request to all registered delegates who attend a minimum of two (out of three) days of the IRF Middle East & North Africa Regional Congress & Exhibition.

Each individual session attended entitles delegates to 1.5 PDH

Each certified workshop attended entitles delegates to 6 PDH

The form shown below is designed to facilitate recording your attendance and track your hours.

Session attended (use session code)	Date	Professional Development Hours Recorded

AGREEMENT

By signing below, I hereby confirm I personally attended all hours marked above in the "Actual Hours" column.

PRINT NAME

SIGNATURE

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.

Our Vision: Better Roads. Better World.

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.



ADVANTAGES OF MEMBERSHIP

- Knowledge Transfer of Best Practices
- Policy Development & Advocacy
- Exclusive Networking Opportunities
- Information & Advisory Services
- Certified Training Curriculum
- World-Class Executive Seminars
- Meetings & Regional Events
- IRF Global Road Achievement Awards

JOIN IRF TODAY

and **save 20%** on
exhibition and sponsorship rates!

Membership Information
Magid Elabyad
melabyad@IRF.global

GOLD SPONSOR

PARSONS

SILVER SPONSOR



BRONZE SPONSOR



TECHNOLOGY PARTNER



the mind of movement

IRF Middle East & North Africa Regional Congress & Exhibition Exhibit & Sponsor Application		FOR OFFICE USE ONLY Payment Received Date YEAR MONTH DAY	
Contact Information			
		REFERENCE CODE (IF APPLICABLE)	

ORGANIZATION NAME	JOB TITLE	WEBSITE	
LAST NAME	MOBILE PHONE (WITH COUNTRY CODE) PREFERRED CONTACT NUMBER		
FIRST NAME	OFFICE PHONE (WITH COUNTRY CODE) PREFERRED CONTACT NUMBER		
EMAIL	FAX NUMBER (WITH COUNTRY CODE)		
ORGANIZATION ADDRESS			
CITY	STATE/ PROVINCE	POSTAL CODE	COUNTRY

Sponsor (check the one box that applies; all amounts in US dollars)

IRF MEMBERS Diamond: US \$160,000 Platinum: US \$80,000 Gold: US \$60,000 Silver: US \$40,000 Bronze: US \$20,000 Patron: US \$8,000	NON MEMBERS Diamond: US \$200,000 Platinum: US \$100,000 Gold: US \$75,000 Silver: US \$50,000 Bronze: US \$25,000 Patron: US \$10,000
---	---

Exhibit (check the one box that applies; all amounts in US dollars)

IRF MEMBERS Raw Space Only: US \$200/m ² Raw Space + Shell Scheme: US \$300/m ²	NON MEMBERS Raw Space Only: US \$250/m ² Raw Space + Shell Scheme: US \$400/m ²		
SQUARE METERS REQUESTED	BOOTH NUMBER (FIRST CHOICE)	BOOTH NUMBER (SECOND CHOICE)	BOOTH NUMBER (THIRD CHOICE)

Payment

PAYMENT TYPE Invoice Check Credit Card	CARD TYPE Visa MasterCard AMEX	CARD NUMBER
CARD EXPIRATION DATE (MM/YY)	CARD SECURITY CODE	NAME ON CARD
AMOUNT TO BE CHARGED (IN US DOLLARS)	TODAY'S DATE (YYYY/MM/DD)	SIGNATURE

By signing this document, I agree to comply with the Terms and Conditions applicable to IRF Events and provide full release of my likeness and voice to be used for promotional purpose by the IRF. This release covers photos and videos taken during the event.

PRINTED NAME	SIGNATURE	DATE OF APPLICATION (YYYY/MM/DD)
---------------------	------------------	---

PLEASE RETURN THIS FORM TO THE IRF:

Magid Elabyad: melabyad@IRF.global or fax +1 703 535 1007

Important Note:Registration can also be completed online at: <https://merc.irf.global/registration/>

IRF Middle East & North Africa Regional Congress & Exhibition:

Delegate Registration**Contact Information**

FOR OFFICE USE ONLY		
Payment Received Date		
YEAR	MONTH	DAY

LAST NAME		MOBILE PHONE (WITH COUNTRY CODE) PREFERRED CONTACT NUMBER	
FIRST NAME		OFFICE PHONE (WITH COUNTRY CODE) PREFERRED CONTACT NUMBER	
EMAIL		FAX NUMBER (WITH COUNTRY CODE)	
ORGANIZATION NAME	JOB TITLE	ORGANIZATION WEBSITE	
ORGANIZATION ADDRESS			
CITY	STATE/ PROVINCE	POSTAL CODE	COUNTRY
ORGANIZATION CATEGORY Government Academia Industry Association Private Sector			

Additional Registrants *(please list the names of any additional delegates you are registering)*

LAST NAME	EMAIL
FIRST NAME	JOB TITLE
LAST NAME	EMAIL
FIRST NAME	JOB TITLE

Registration Rates *(check the one box that applies; all amounts in US dollars; all prices are per person)*

IRF MEMBERS/FELLOWS/UAE SOCIETY OF ENGINEERS	NON IRF MEMBERS	WORKSHOPS
IRF Fellows: US \$500 /person	Speakers US \$500 /person	Gala Dinner: US \$75 /person
Speakers: US \$400 /person	Gov't, Academic: US \$650 /person	Workshop1: Mainstreaming Road Safety in Transport Projects : US \$150 /person
Gov't, Academic: US \$550 /person	Non-Profit: US \$650 /person	Workshop2:
Non-Profit: US \$550 /person	Private Sector US \$850 /person	Tunnel Engineering: US \$150 /person
Private Sector: US \$700 /person		

OPTIONAL ADD-ONS Gala Dinner: US \$75 Spouse Program: US \$250

TECHNICAL SITE VISIT

VISA INVITATION Do you require a visa invitation letter? Yes No
--

Payment

PAYMENT TYPE Invoice Check Credit Card	CARD TYPE Visa MasterCard AMEX	CARD NUMBER
CARD EXPIRATION DATE (MM/YY)	CARD SECURITY CODE	NAME ON CARD
AMOUNT TO BE CHARGED (IN US DOLLARS)	TODAY'S DATE (YYYY/MM/DD)	SIGNATURE

By signing this document, I agree to comply with the Terms and Conditions applicable to IRF Events and provide full release of my likeness and voice to be used for promotional purpose by the IRF. This release covers photos and videos taken during the event.

PRINTED NAME	SIGNATURE (IF FAXING)	DATE OF APPLICATION (YYYY/MM/DD)
--------------	-----------------------	----------------------------------

Important Note:Registration can also be completed online at: <https://merc.irf.global/registration/>

GLOBAL

KNOWLEDGE • ADVOCACY • EDUCATION
BEST PRACTICES • BUSINESS OPPORTUNITIES

Better Roads. Better World.



IRF[®]
— GLOBAL —

International Road Federation

GLOBAL HEADQUARTERS & SECRETARIAT

Madison Place

500 Montgomery Street, Fifth Floor

Alexandria, VA 22314 USA

Telephone: +1 703 535 1001 Facsimile: +1 703 535 1007

REGIONAL OFFICES

Brussels, Belgium | Santiago, Chile | Kuala Lumpur, Malaysia | Chicago, USA

www.IRF.global