

SESSIONS

DAY 1 – MOBILITY INFRASTRUCTURE CONGRESS 2023 - 21/11/2023

Intermobility Expo 2023

21 - 22 November 2023 10:00AM - 6:00PM

23 November 2023 10:00AM - 4:00PM

Sheikh Saeed Halls 2 & 3

Dubai World Trade Centre

UAE

Registration

09:30 - 10:30
Main Conference

Registration and Networking

09:30 - 12:00
Technical Seminar

Opening Speech

10:30 - 10:35
Main Conference

Participants

Speaker: Eng. Abdelrahman Ali Almahmoud - Director of Federal Roads Asset Department, Ministry of Energy and Infrastructure

Keynote: Safe System Approach to Road Safety

10:35 - 10:45
Main Conference

Participants

Speaker: Dr Ali Al Ghamdi - President, National Road Safety Center (NRSC)

Keynote: Insights on Traffic Safety in UAE

10:45 - 10:55
Main Conference

Participants

Speaker: Brigadier Ahmed Saeed Al Naqbi - Director General of Central Operations, Ministry of Interior

Presentation: Sustainable transportation and reducing carbon emissions

10:55 - 11:10
Main Conference

Participants

Speaker: Hani Mohammed AlSaigh - Vice President of Supply Chain and Contract Management, Tahakom

Panel Discussion: Driving Change: The Role of Government in Mobility

11:10 - 11:55
Main Conference

- How can governments play a pivotal role in shaping the future of mobility and promoting sustainable transportation methods?
- What types of policy and regulatory frameworks might be necessary for governments to successfully drive change in mobility infrastructure and technology adoption?
- In what ways can government incentives or subsidies influence the development and uptake of innovative mobility solutions such as electric vehicles, autonomous vehicles, and shared mobility?
- Can you discuss some successful examples of where government intervention has led to significant improvements in mobility, and what lessons can be learned from these cases?

Participants

Moderator: Heiko Seitz - Global eMobility Leader, PwC

Speaker: Faisal Ali AL Rashid - Senior Director - Demand Side Management, Supreme Council of Energy

Speaker: Nasir Al Shamsi - Chief Transport Officer, Bee'ah

Speaker: James Luxbacher - Chief Business Development Officer, Samara Land Transportation Services and Sixt KSA

Speaker: Georg Backer - Vice President T&D Strategy & Portfolio management, TAQA

Interview Session: Future Transportation: The Intersection of Urban Growth and Technological Advancements

11:55 - 12:15
Main Conference

- What are the collaborative approaches between public transit agencies, governing bodies, and mobility services to achieve cost-effective and eco-friendly transportation options?
- Adapting to Evolving Mobility Trends: Is a One-Size-Fits-All Business Model Viable?
- Rethinking Geospatial Strategies to Maximize the Use of Underutilized Infrastructure
- The Digital Transformation of Operations and the Importance of Recruiting Top Engineering Talent for a Smooth User Experience

Participants

Moderator: Heiko Seitz - Global eMobility Leader, PwC

Speaker: Eng. Ibrahim Yousef Ramel - CEO, SAAED

Brief history and introduction of Rebloc Concrete Barriers

12:00 - 12:30
Technical Seminar

- Key facts of "patented" Rebloc technology & ongoing drive for development and innovation
- Introduction of state-of-the-art precast concrete vehicle restraint systems according to EN-1317 and MASH standards
- Sustainability of Rebloc Systems worldwide
- Rebloc technology & product advantages

Participants

Speaker: Kocer Saricicek - International Sales Engineer, ReBloc

Presentation: Sustainable Connections: Building Eco-Friendly Multi-Modal Transport Networks

12:15 - 12:35
Main Conference

This talk delves into the vital importance of developing sustainable multi-modal transportation. The conversation will spotlight essential takeaways, industry-leading strategies, and cutting-edge solutions to the complexities involved in planning and building interconnected, eco-conscious and technologically supported transportation networks. Major topics of discussion include the below points for focus areas: Highways, Train Systems, Harbors and Air Travel Hubs

- Strategies for digital transformation in transportation industries
- Planning and designing eco-friendly infrastructure
- Building robust and sustainable transport networks
- Leveraging technology and data analytics in infrastructure development

Participants

Speaker: Dr Muneer Zuhrdi - Chief Technology Officer, Nokia Enterprise (China, India, & MEA)

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The specification of MASH Compliance for Safety Barriers

12:30 - 13:00

Technical Seminar

The AASHTO Manual for Assessing Safety Hardware (MASH) presents uniform guidelines for the crash testing and evaluation of road safety barriers. The guidelines and evaluation criteria adopted by MASH incorporate current technology and the collective judgement and expertise of professionals in the field of roadside safety design.

The introduction of MASH considers real-life crash data and is considered more representative of vehicle fleets featuring high-centre-of gravity passenger vehicles.

- Introducing MASH
- What are the crash test requirements for MASH?
- How do I specify MASH?

Participants

Speaker: Terrence Colquhoun - Business Development Director, Safe Direction

Panel Discussion: Integrated Mobility Solutions for Smart Cities

12:35 - 13:15

Main Conference

This session will examine a smart city's comprehensive approach to intermobility, leveraging technology and data integration to optimise traffic flow. The study will analyse the implementation of intelligent transportation systems, realtime traffic monitoring and multi-modal transportation options to reduce congestion and improve intermodal connectivity. Key discussion points include:

- Implementation of Intelligent Transport Systems
- Real-time traffic monitoring
- Mobility hubs and multi-modal transportation integration
- Data integration and decision support

Participants

Speaker: Ahmad Altarawneh - Senior Transformation Consultant, Dubai Police General HQ

Speaker: Mohannad Salam - Regional Head - Smart Cities & City Twins, AtkinsRéalis

Speaker: Dr Khalid Nur - Mobility Systems and Planning Manager, NEOM

Speaker: Dr Rami Ashri - Head of Business Development, Charge&Go and Etisalat Services Holding – e&

Moderator: Samir Imran - Principal, Arthur D. Little

Networking Break

13:00 - 14:00

Technical Seminar

Interview Session: The Crucial Role of Driving Schools in Enhancing Driver Safety and the Future of Mobility

13:15 - 13:45

Main Conference

- What key skills and knowledge do driving schools aim to instill in new drivers to enhance road safety?
- How does the structure of a driving school contribute to reducing the risk of accidents and promoting safe driving habits?
- In what ways do driving schools address the psychological aspect of driving, such as stress management and decision-making skills?
- How does hands-on training and practical experience offered by driving schools contribute to overall driver safety?
- Beyond initial training, what ongoing efforts do driving schools undertake to reinforce and update drivers' knowledge for continued safety on the road?
- Beyond the current Driving Schools trends, What would be the future of Driver Education towards the evolution in the smart Mobility?

Participants

Moderator: Georges El Zakhem - Business development & Partnership Director, Emirates Driving Company PJSC

Speaker: Khaled Al Shemeili - Chief Executive Officer, Emirates Driving Company PJSC

Speaker: Rami Yagmour - Founder and CEO, The Consultants Group

Lunch and Networking

13:45 - 14:10

Main Conference

Deploying Blockchain in Mobility Infrastructure: A Revolution in Transparency and Security

14:00 - 14:30

Technical Seminar

Participants

Speaker: Bashar Ali - Sales Manager - Reflective Solutions, Orafol

Presentation: Using V2X and AI to Enable Safe and Automated Mobility

14:10 - 14:30

Main Conference

- Lessons from Using AI and V2X in Qatar: development, pilots, deployments
- QMIC's Technology Development and Deployment activities
- Need for Regional Cooperation

Participants

Speaker: Adnan Abu-Dayya - Executive Director (CEO), Qatar Mobility Innovations Center (QMIC)

Presentation: Smart Road, Eyes on the future

14:30 - 14:50

Main Conference

- Almagora group and our offering in all areas of Transportation
- C-ITS implementation in Europe
- Smart Road: components and communication standards
- Cortina 2021: the first Smart Road Project and beyond

Participants

Speaker: Alessandro Mancini - Road Solution Expert, Almagora

Smarter and Safer Work Zones through deployment of IoT enabled digital solutions

14:30 - 15:00

Technical Seminar

- Creating safer work zones for workers and drivers
- Real-time warnings and journey information
- Improving operational efficiency via event based maintenance

Participants

Speaker: Roger Poeth - Director, Ramudden Digital

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Panel Discussion: Move Forward with Confidence: Achieving Traffic Safety with Modern Road Signages

14:50 - 15:30

Main Conference

- Road Signage Legibility and Design - Evolution and importance of road sign design for improved safety
- The future of smart road signs in real-time traffic management
- Standardization and regulations for work zone colors
- In terms of legislation and public policy, what actions could governments take to improve road safety? How would these changes affect various stakeholders such as drivers, pedestrians, cyclists, and public transport users?

Participants

Moderator: Peter Koomen - Senior Business Director, Avery Dennison Reflective Solutions (EMEA & APAC)

Speaker: Michael Nebel - Sales Manager EMEA - Reflective Solutions, Avery Dennison

Speaker: Fadi Awwad - General Manager, Midsign

Speaker: Eng. Tarik Mostafa Gosty - Expert of Road Safety, Eurogroup Engineering Consultancy

Speaker: Syed Arshad Ali - Sales Manager, Giffin Al Jazira Metal Industries LLC

Adaptive Infrastructure - Flexibility in Road Design

15:00 - 15:30

Technical Seminar

- Brief history of bridge expansion joints; its development and why was it needed
- Issues of conventional bridge expansion joints; finger joints and rail expansion joint
- Introduction of Refraction expansion joint (JHR); how JHR resolved issues concerning conventional bridge expansion joints.

Participants

Speaker: Ben Koo - Junior Researcher, Jinhyung Construction

Panel Discussion: Sustainable Transportation and Mitigated Carbon Emissions

15:30 - 16:30

Main Conference

Sustainable transportation and the reduction of carbon emissions are critical aspects of modern urban planning and transportation systems. By implementing sustainable practices, cities can mitigate the environmental impact of transportation and work towards a greener future. This panel will evaluate and discuss key approaches and strategies for achieving sustainable transportation and reducing carbon emissions -

- The push for Decarbonisation: Increasing the adoption of EVs through subsidies and incentives to phase out traditional fuel powered vehicles
- Public transit systems: Encouraging the public transportation use through expanded coverage for last mile connectivity
- Transportation Demand Management: Implementing measures that reduce the dependence on privately owned vehicles and reducing congestion
- Encouraging Micro-mobility: Integrating non-motorized transport to accommodate local trips of up to 5km
- Reducing the transport footprint: Managing land requirement and consumption to attain the green transport targets
- Green transport strategy: Ensuring accessibility and inclusive mobility for all

Participants

Moderator: Ahmed Samir Elbermbali - Managing Director – MENA, Charging Interface Initiative (CharIN)

Speaker: Jonathan Spear - Transport Policy and Strategy Advisor, AtkinsRéalis

Speaker: James Luxbacher - Chief Business Development Officer, Samara Land Transportation Services and Sixt KSA

Speaker: Chenna Reddy - Managing Director, Legend World Investment

Disabling Distracted Drivers in Work Zones

15:30 - 16:00

Technical Seminar

This presentation addresses the growing threat of distracted drivers including those who use smart phones for texting and phone calls while driving. Using the latest research on the human brain, we will show the effects of texting has on the driver's situational awareness and reaction time. Reaction time is most critical as the driver approaches roadworks as complex decisions must be made while the driver still has time to make the appropriate, safe maneuvers.

Participants

Speaker: Fadi Petro - Regional Manager - Middle East & Africa, PSS Innovations

Road Marking Solution

16:00 - 16:30

Technical Seminar

- Introduction – BORUM
- Road Marketing Solution, Sustainability and Safety

Participants

Speaker: Imad Ghassani - Sales Director – Middle East, BORUM

Presentation – Mobility of the Future! Role of Autonomous Vehicles and Futuristic Modes to reshape the transportation

16:30 - 16:45

Main Conference

- What is the current status of development and implementation of driverless vehicles?
- What are the key challenges with respect to the driverless vehicles and how these are being mitigated?
- What new modes will support the future transport ecosystem?
- How intelligent transport and AI will integrate with the mobility of the future?
- Transport's journey to net zero: How are alternative fuel vehicles vital in achieving climate targets?

Participants

Speaker: Nadeem Shakeer - Regional Director - Transport & Mobility Planning Department, Zutari Engineering International (Pty.) Ltd.

End of Technical Seminar Day 1

16:30 - 16:35

Technical Seminar

Close of Conference Day 1

16:45 - 16:50

Main Conference

SCHEDULE

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11:00	11:10 - Panel Discussion: Driving Change: The Role of Government in Mobility 11:55 - Interview Session: Future Transportation: The Intersection of Urban Growth and Technological Advancements	
12:00	12:15 - Presentation: Sustainable Connections: Building Eco-Friendly Multi-Modal Transport Networks 12:35 - Panel Discussion: Integrated Mobility Solutions for Smart Cities	12:00 - Brief history and introduction of Rebloc Concrete Barriers 12:30 - The specification of MASH Compliance for Safety Barriers
13:00	13:15 - Interview Session: The Crucial Role of Driving Schools in Enhancing Driver Safety and the Future of Mobility 13:45 - Lunch and Networking	13:00 - Networking Break
14:00	14:10 - Presentation: Using V2X and AI to Enable Safe and Automated Mobility 14:30 - Presentation: Smart Road, Eyes on the future 14:50 - Panel Discussion: Move Forward with Confidence: Achieving Traffic Safety with Modern Road Signages	14:00 - Deploying Blockchain in Mobility Infrastructure: A Revolution in Transparency and Security 14:30 - Smarter and Safer Work Zones through deployment of IoT enabled digital solutions
15:00	15:30 - Panel Discussion: Sustainable Transportation and Mitigated Carbon Emissions	15:00 - Adaptive Infrastructure - Flexibility in Road Design 15:30 - Disabling Distracted Drivers in Work Zones
16:00	16:30 - Presentation – Mobility of the Future! Role of Autonomous Vehicles and Futuristic Modes to reshape the transportation 16:45 - Close of Conference Day 1	16:00 - Road Marking Solution 16:30 - End of Technical Seminar Day 1

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Registration

09:30 - 10:45
Main Conference

Registration and Networking

09:30 - 11:00
Technical Seminar

Panel Discussion: Empowering Women in Transport - Breaking Barriers and Shaping the Future

10:45 - 11:15
Main Conference

- How can advancements in technology and innovation contribute to improving the safety and accessibility of transport and mobility for women? Are there any innovative solutions or practices that have been particularly effective?
- What do you think are the main challenges women face when pursuing careers in this field, and how can we overcome these challenges?
- What role can governments and regulatory bodies play in promoting gender equality in the transport and mobility industry? Are there any successful policy examples or initiatives that have made a significant impact?
- Could you share your personal experiences or stories of women who have excelled in the transport and mobility sector? What can organizations do to foster a more inclusive and diverse work environment?

Participants

Speaker: Anood Al Maharbi - Head of Intelligent Transportation System, Mwasalat

Speaker: Laila AL Hadhrami - Managing Director, Communities Connect Cities (C3) Advisory

Speaker: Eng. Sumaya Saeed Al Neyadi - Section Head - Traffic Safety, Integrated Transport Centre - ITC Abu Dhabi

Moderator: Rachel Meuleman - Global Collaboration Strategist, The Bizz Advisors

Smart Insights for City Planning Decisions

11:00 - 11:30
Technical Seminar

The introduction of AI-powered traffic sensors offers a new level of insight for intersections and their surrounding environments. On-camera analytics capable of monitoring vehicle position, heading, and speed not only effectively control intersections in real time but also gather robust vehicle and pedestrian movement data for improved predictive traffic systems. The Intelligent infrastructure allows City planners to identify their pains and provide innovative solutions to create their own Smart City concept.

Participants

Speaker: Hesham Enan - Key Account Manager - ITS, TELEDYNE FLIR Solutions

Case Study: Haramain High Speed Train: O&M of The Largest Public Transport Project in the Middle East

11:15 - 11:35
Main Conference

- Saudi Arabia Railway Company and its networks.
- Haramain High Speed Railway (HHR) Mega Project Capabilities, Reliability, Systems, Achievements.
- The contribution of HHR Project in the Transport, Hajj & Umrah, Tourism Ecosystems.
- The Importance of HHR Project in the Integration of Intermodal Transportation

Participants

Speaker: Omar A. Satih - HHR Operation Engineer, Saudi Railway Company

Sustainable Open Road Tolls and Reduction of Carbon Emissions: A Holistic Approach Involving Road Infrastructure, Operations, and Customers

11:30 - 12:00
Technical Seminar

In our quest for a more sustainable future, the intersection of road infrastructure, operations, and customer engagement presents a unique opportunity. Join us in exploring a pioneering approach that aims to revolutionise the reduction of carbon emissions through open road tolling systems. Under the theme of "Sustainable Open Road Tolls and Reduction of Carbon Emissions," we delve into a holistic strategy that promises profound environmental benefits.

This presentation introduces an innovative mindset shift, emphasising the need for collaboration across key domains. By integrating solar panels into gantry structures, we harness renewable energy sources to power our tolling equipment, significantly reducing our carbon footprint. Our journey doesn't stop there; we will unveil a strategy for fostering increased online adoption, thus diminishing the necessity for customer visits to service locations. Additionally, we discuss evolving our operations to increase automation and manage tasks proactively, reducing reliance on customer interactions with our back-office team.

The profound synergy of these three pillars – sustainable infrastructure, streamlined operations, and customer-centric approaches – generates a compelling case for the future. Together, they offer a blueprint for not only reducing carbon emissions but also enhancing the overall tolling experience. We believe that this holistic approach will drive us closer to the vision of a more sustainable, efficient, and customer-focused road-tolling system. It is our sincere hope that this presentation will inspire change and catalyse innovation in the realm of open road tolls.

Participants

Speaker: Dina Alsharif - Operations Manager, Transcore

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23 November 2023 10:00AM - 4:00PM

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Dubai World Trade Centre

UAE

Presentation: Revolutionizing Urban Transportation: Brace Yourself for the Future of Mobility!

11:35 - 11:55
Main Conference

Get ready to witness a ground-breaking keynote that will change your perception of urban transportation forever. The future of mobility is here, and it's disrupting the traditional urban transport model in ways you never imagined. From electric vehicles to Mobility-as-a-Service (MaaS) and smart urban transportation infrastructure, the future is bright. It's time to bid farewell to private vehicle ownership and experience seamless travel with MaaS. Join us as we explore drones for last mile delivery, ultra highspeed rail, automation of ports and impacts, evtol and how these will impact on the economic growth and the future planning of our cities.

Participants

Speaker: Harj Dahliwal - Chief Executive Officer, Gensis Urban

Presentation: Embracing Sustainability: The Future of Parking Infrastructure

11:55 - 12:15
Main Conference

- Technologies and Innovations in Sustainable Parking – AI, IoT, Solar Power
- Innovative approaches like multi-level green parking spaces, permeable paving, and use of recycled materials
- Discuss the main challenges such as high costs, regulatory issues, and lack of awareness that are faced in implementing sustainable parking

Participants

Speaker: Marek Stawnski - Founder & CEO, NaviParking

Unlocking the Digital Potential of Cities Using Smart City Tools

12:00 - 12:30
Technical Seminar

- Smart City: How everything can work and to what extent cities today utilize digital tools to create a comfortable and safe environment
- Negative cases: global events and what could have been done
- Positive cases: how problems in cities were addressed using Smart City tools
- Citix in the urban environment: what we do and the problems we solve

Participants

Speaker: Stefan Kasatkin - CEO Citix MENA, Citix

Presentation by Legend Holding Group

12:15 - 12:30
Main Conference

Participants

Speaker: Chenna Reddy - Managing Director, Legend World Investment

Presentation: Mobility as a Service (MaaS) – what is it?

12:30 - 12:45
Main Conference

Participants

Speaker: Alaa Mattar - Director and Head of SC consulting, SC Advisors

Crash Cushions Used in the Work Zone

12:30 - 13:00
Technical Seminar

Participants

Speaker: Felipe Almanza - V.P. New Product Development, Traffix Devices Inc.

Lunch and Networking

12:45 - 13:15
Main Conference

Networking Break

13:00 - 14:00
Technical Seminar

Panel Discussion: Unleashing the Economic Power of the Middle East: Revolutionizing the Region's Infrastructure with Rail, Ports, and Logistics

13:15 - 13:45
Main Conference

- How will the ongoing development of rail infrastructure that connects ports across the GCC potentially transform the economic and trade landscapes?
- What novel models for goods transportation are emerging due to the integration of ports, logistics, and railway infrastructure, and how could these models impact the current state of logistics?
- In what ways will railway freight terminals, serving as logistics hubs for heavy industries, ensure the seamless distribution of raw materials and machinery, particularly in areas lacking other means of transport?
- How does efficient management of ports and logistics within the railway industry contribute to cost-effective and timely transportation, and in turn, how does this enhance the Middle East's overall logistical throughput?

Participants

Speaker: Harj Dahliwal - Chief Executive Officer, Gensis Urban

Speaker: Richard Hall - Director, Transport Overseas Group

Speaker: Ali Rizvi - Head Of Program Management Middle East, Lucid Motors

Speaker: Shailen Shukla - Chief Logistics Officer, MHAO (Mohamed Hareb Al Otaiba) Group / PicTruc LLC

Speaker: Kalid Mostafa - VP, Charge&Go and Etisalat Services Holding – e&

Presentation: Barrierless Parking - Envisioning the Era of Unobstructed Parking

13:45 - 14:10
Main Conference

- Benefits of barrierless parking in the context of urban mobility, including increased efficiency, reduced congestion, and improved user experience
- Challenges and potential solutions in implementing barrierless parking such as advanced technology integration, robust security measures, user education, and incentivization
- Integration with smart city infrastructure, autonomous vehicles, and mobile payment platforms – What does the future entail?

Participants

Speaker: Imad Alameddine - Group General Manager, Parkonic

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21 - 22 November 2023 10:00AM - 6:00PM

23 November 2023 10:00AM - 4:00PM

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UAE

Advancements in Longitudinal Barriers and End Terminals: Application, Performance and Maintenance

14:00 - 14:30
Technical Seminar

Longitudinal barriers and end terminals have undergone significant advancements in recent years, resulting in systems prioritising safety without compromising efficiency.

These modern designs feature reduced invasiveness, high containment levels, and low maintenance costs, making them ideal for various applications.

With an increasing need for emergency vehicle access, it has become crucial to rethink the design of barriers. Guardrails must now notify the road manager and police of any accidents, while traffic dividers must be easily removable to accommodate ambulance and fire brigade transit.

Overall, this presentation aims to demonstrate the evolution of longitudinal barriers and end terminals, highlighting their application, performance, and maintenance benefits.

- Application of systems with high performance and reduced sizes
- Non-gating end terminals
- Longitudinal openable median barriers
- Notification of Accident through integrated alert systems

Participants

Speaker: Roberto Impero - Chief Executive Officer, SMA Road Safety

Speaker: Stefano Maria Caterino - Product Marketing Manager, SMA Road Safety

Presentation – Introduction to MASH Compliant RamShield Guardrail Barriers

14:10 - 14:30
Main Conference

- Design features of RamShield
- Full-scale crash testing to MASH TL3 and TL4
- Technical support through engineering analysis

Participants

Speaker: Terrence Colquhoun - Business Development Director, Safe Direction

Panel Discussion: Mastering Mobility: Setting the Benchmark for Driver Safety Standards

14:30 - 15:00
Main Conference

Join us at Intermobility in Dubai for a thought-provoking panel discussion on the critical issues surrounding road safety and driver training. Our esteemed panellists will delve into the most pressing challenges and strategies to enhance road safety and driver education. This engaging session aims to foster collaboration between key stakeholders and explore innovative solutions to ensure a safer and more efficient road environment in the UAE and beyond.

Participants

Moderator: Gregory Bytheway - Business Development Manager, Royal Society for the Prevention of Accidents (RoSPA)

Speaker: Logain Kamal Ahmed - Strategic Planning Specialist, Ras Al Khaimah Road Transport Authority/ RAKTA

Speaker: Samyah Mohamed Al Dubaili - Corporate Health, Safety & Environment Section Manager, Dubai Municipality

Speaker: Sultan Al Akraf - Director of Drivers Affairs Department, Roads and Transport Authority (RTA)

Speaker: Rajeev Ravi Kumar - Senior QHSE Manager, STS Group

The Power of AI-Enabled Smart Traffic Cameras

14:30 - 15:00
Technical Seminar

- How AI can be used for Traffic Enforcement
- Viion's product suite
- Results (Case studies)

Participants

Speaker: Michael Kelly - President, Viion Systems

Fireside Chat: Navigating Parking Challenges: Present and Future Perspectives

15:00 - 15:30
Main Conference

- What are some of the major challenges we currently face regarding urban parking - including issues related to space, efficiency, and environmental impact?
- Considering the ongoing transition to autonomous and electric vehicles, how might these changes influence the demand and structure of future parking facilities? And how can we adapt current parking infrastructure to accommodate these new technologies?
- Congestion and pollution are key concerns associated with traditional parking systems. How can innovative parking solutions, like smart parking or shared parking, help in mitigating these problems?
- From a policy perspective, what kind of regulatory changes or incentives could help encourage more sustainable, efficient parking practices and infrastructures? Can we leverage existing urban planning models, or do we need entirely new paradigms for parking in our cities?

Participants

Speaker: Anjna Patel MBE - Principal Officer of Road Safety & Parking at Sandwell Council, Chair of the Board, British Parking Association

Speaker: Pamela Chikhani - General Manager, Secure Parking UAE

Speaker: Shailen Shukla - Chief Logistics Officer, MHAO (Mohamed Hareb Al Otaiba) Group / PicTruc LLC

Moderator: Omar Al-Battaineh - Regional Director - Transport Advisory and Planning, AtkinsRéalis

Sustainable infrastructure – Enhancing traffic safety and traffic flow at minimum cost and environmental impact

15:00 - 15:30
Technical Seminar

- Autonomous Intelligent Traffic Signs – Easy Installation
- Low power consumption - <1Watt/hour
- The most advanced (wireless) communication – Integration with existing and future ITS infrastructure possible (V2X, X2X, X2V)
- We should ask ourselves: "What is the CO2 footprint of the solution?"

Participants

Speaker: Karen Koelma - Export Sales Director, Triplesign System AB

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Panel Discussion: Public Transportation Planning and Management: From Public Transit Systems to Mobility Agencies

15:30 - 16:30

Main Conference

Public transit systems are transforming into mobility agencies, adopting a broader perspective beyond conventional bus services, encompassing a wide range of transportation options, such as demand-response services, micro-transit, and flex routes, as well as streetcars, ferries, scooters, bicycles, car-sharing, ridesharing, taxis, transportation network companies, and rail, among others. This session will explore -

- Smart fleet management: Leveraging technology and data to optimize the public transportation
- Efficient traffic congestion management: Assessing transportation needs and route planning for better road congestions
- Leveraging real-time information and transformational technologies to improve transportation service and inform decision-making
- Focusing on the vehicles, infrastructure and policy that will deliver a greener future

Participants

Moderator: Omar Al-Battaineh - Regional Director - Transport Advisory and Planning, AtkinsRéalis

Speaker: Nahedh Alhubail - Mobility Director, ROSHN Group Company

Speaker: Muhammad A. Mustafa - Regional Director – Mobility & Planning (Middle East & South Asia), Egis Group

Speaker: Eng Farooq Mukhtar - Project Manager, Ajman Transport Authority

Speaker: Rusty Russell - Senior Director - Mobility, Red Sea Global

Speaker: Chris Carson - CEO, Hayden AI

IoT and Smart Cities – Building the Future

15:30 - 16:00

Technical Seminar

- The Impact of Urbanisation on our Cities
- How to Activate Assets in Ecosystems such as Last Mile Delivery
- Using Data and Smart Devices to Create Value and Improve Quality of Life

Participants

Speaker: Cheyenne Kamran - CEO, Flyby

End Technical Seminar Day 2

16:00 - 16:05

Technical Seminar

Close of Conference Day 2

16:30 - 16:35

Main Conference

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09:00	09:30 - Registration	09:30 - Registration and Networking
10:00	10:45 - Panel Discussion: Empowering Women in Transport - Breaking Barriers and Shaping the Future	
11:00	11:15 - Case Study: Haramain High Speed Train: O&M of The Largest Public Transport Project in the Middle East 11:35 - Presentation: Revolutionizing Urban Transportation: Brace Yourself for the Future of Mobility! 11:55 - Presentation: Embracing Sustainability: The Future of Parking Infrastructure	11:00 - Smart Insights for City Planning Decisions 11:30 - Sustainable Open Road Tolls and Reduction of Carbon Emissions: A Holistic Approach Involving Road Infrastructure, Operations, and Customers
12:00	12:15 - Presentation by Legend Holding Group 12:30 - Presentation: Mobility as a Service (MaaS) – what is it? 12:45 - Lunch and Networking	12:00 - Unlocking the Digital Potential of Cities Using Smart City Tools 12:30 - Crash Cushions Used in the Work Zone
13:00	13:15 - Panel Discussion: Unleashing the Economic Power of the Middle East: Revolutionizing the Region's Infrastructure with Rail, Ports, and Logistics 13:45 - Presentation: Barrierless Parking - Envisioning the Era of Unobstructed Parking	13:00 - Networking Break
14:00	14:10 - Presentation – Introduction to MASH Compliant RamShield Guardrail Barriers 14:30 - Panel Discussion: Mastering Mobility: Setting the Benchmark for Driver Safety Standards	14:00 - Advancements in Longitudinal Barriers and End Terminals: Application, Performance and Maintenance 14:30 - The Power of AI-Enabled Smart Traffic Cameras
15:00	15:00 - Fireside Chat: Navigating Parking Challenges: Present and Future Perspectives 15:30 - Panel Discussion: Public Transportation Planning and Management: From Public Transit Systems to Mobility Agencies	15:00 - Sustainable infrastructure – Enhancing traffic safety and traffic flow at minimum cost and environmental impact 15:30 - IoT and Smart Cities – Building the Future
16:00	16:30 - Close of Conference Day 2	16:00 - End Technical Seminar Day 2

SESSIONS

DAY 3 – MOBILITY INFRASTRUCTURE CONGRESS 2023 - 23/11/2023

Intermobility Expo 2023

21 - 22 November 2023 10:00AM - 6:00PM

23 November 2023 10:00AM - 4:00PM

Sheikh Saeed Halls 2 & 3

Dubai World Trade Centre

UAE

Registration

09:30 - 11:00

Main Conference

Registration and Networking

09:30 - 11:00

Technical Seminar

Opening Keynote - Applicability of 15 Minutes City Concept in Car-dependent Cities

11:00 - 11:15

Main Conference

Participants

Speaker: Mohammed Aljoufie - Professor of Transportation Planning at King Abdulaziz University, Mobility Advisor at Jeddah Governorate Development Authority

Alliance for Parking Data Standards – An international data standard for joined-up global mobility fit for the future

11:00 - 11:30

Technical Seminar

Use cases from the US, Europe, and the UK

Participants

Speaker: Anjna Patel MBE - Principal Officer of Road Safety & Parking at Sandwell Council, Chair of the Board, British Parking Association

Presentation: Adoption of Electric Vehicles in GCC & Challenges

11:15 - 11:25

Main Conference

Participants

Speaker: Adeel Irshad - Chief Operating Officer, EV TECHNOLOGY - SUR INTERNATIONAL INVESTMENT GROUP

Presentation: Mobility improvement through AI-based data collection

11:25 - 11:45

Main Conference

Participants

Speaker: Mohamed Sadek - Founder, COM-IoT Technologies

Safety studies and benefits of LED enhanced intelligent Warning Systems

11:30 - 12:00

Technical Seminar

Participants

Speaker: Dan Skites - VP - Business Development, TrafficCalm Systems

Case Study: The importance of parking in future transportation systems

11:45 - 12:05

Main Conference

- Parking, yet a major part of our urban planning
- Parking expansion is to be carefully controlled
- How shall we see parking?
- Parking technology as a leverage to transportation systems

Participants

Speaker: Marwen Sandid - Managing Director, Scheidt & Bachmann Middle East

AI and Machine Learning: Paving the Way to Digital Twins for Transport Authorities and Smart Cities

12:00 - 12:30

Technical Seminar

Overview –

1. Introduction to Digital Twins:

- Define Digital Twin technology in the context of transportation and smart cities.
- Highlight its potential to revolutionize decision-making and efficiency in the industry.
- Showcase how AI and machine learning/vision algorithms process vast data streams for Digital Twin creation.

2. Predictive Analytics and Optimization

Applications:

- How AI-driven Digital Twins enable predictive insights for transportation planning.
- Demonstrate their positive impact on urban planning, transportation efficiency, and environmental sustainability.
- Address the role of AI in improving safety through anomaly detection and risk assessment.

3. Future Innovations and Collaborations:

- Offer insights into upcoming AI and machine learning advancements for Digital Twin technology.

Participants

Speaker: Vaibhav Ghadiok - Chief Technology Officer, Hayden AI

Presentation: Moving Target: What Does the Future Hold for Parking and Mobility?

12:05 - 12:25

Main Conference

Pamela Chikhani, General Manager for Secure Parking UAE, will present her insights into today's parking, mobility, and transportation environment as a Board Member of the International Parking & Mobility Institute (IPMI). This session will discuss trends that are shaping the industry in the Middle East and abroad. Some of the topics to be covered include:

- How technology is changing how we approach parking and mobility, and the impact that it is having on parking operations.
- The shift to work from home brought on by the pandemic and continuing on to become the new norm for today's workforce, and the effect that it has had on urban parking operations and commercial real estate management.
- Discovering new innovative and creative revenue streams for parking owners and operators as the parking game continues to change.
- How can parking professionals increase their industry knowledge and gain increased credibility with those impacting parking, mobility, and transportation decisions?

Participants

Speaker: Pamela Chikhani - General Manager, Secure Parking UAE

Presentation: Challenges and Opportunities of incorporating Future Mobility in planning of new developments

12:25 - 12:45

Main Conference

Research and development on Future Mobility concepts is advancing at a rapid pace globally. In the Middle East, new large-scale developments are aligning their aspirations with the integration of Future Mobility as a central theme in their masterplans. However, despite their ambitions, the actual development of the mobility masterplans reverts to a conventional transport planning approach for a variety of reasons, and Future Mobility becomes an optional addition. This presentation aims to look at the challenges that contribute to this trend and to advocate for a paradigm shift in mobility planning. It will also look into the required changes to align mobility planning and Future Mobility in the planning of new development.

Participants

Speaker: Samya Ghosh - Practice Director - Strategic Planning & Advisory (SP&A), AECOM

SESSIONS

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The Use of 4D Imaging Radar in Traffic Management and Semi-Closed Scene Autonomous Driving

12:30 - 13:00

Technical Seminar

Participants

Speaker: Dr. Christopher Pan - CEO, Phasepoint Technologies Inc.

Panel Discussion: An overview: Examining Road Safety Technologies and Best Practices

12:45 - 13:30

Main Conference

This session will bring together regional experts to discuss data-driven approaches, road infrastructure design, emergency response strategies, delivery best practices and policy frameworks aimed at enhancing road safety through sharing methodologies and international collaboration. Key discussion points include -

- Policy and Legal Framework
- Data Driven Approaches
- Success Stories
- The relationship between intelligent transport systems, autonomous vehicles and road safety
- Delivery operations on the roads
- Collaborations or partnerships that have proven beneficial in improving road safety within the delivery industry

Participants

Moderator: Hesham Enan - Key Account Manager - ITS, TELEDYNE FLIR Solutions

Speaker: David George - Road Safety Specialist, Al Ain Municipality

Speaker: Michael Kelly - President, Viion Systems

Speaker: Agam Garg - General Manager, Yango Delivery

Speaker: Enrico Maria Veccia - Project Manager, Sinelec SpA

Speaker: Dr Umair Hasan - Assistant Director – Transport, Alburj Engineering Consultants

Pathways of bridge expansion joints and roads to come

13:00 - 13:30

Technical Seminar

Participants

Speaker: Ben Koo - Junior Researcher, Jinhyung Construction

Close of Intermobility 2023 Conference

13:30 - 13:35

Main Conference

End of Event

13:30 - 13:35

Technical Seminar

SCHEDULE

DAY 3 – MOBILITY INFRASTRUCTURE CONGRESS 2023 - 23/11/2023

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