



ABOUT THE CONFERENCE

This conference brings together key players from the transportation industry to probe and explore winning strategies and technologies, dealing with smart tools to build a flexible transport network.

Smart transportation is crucial for an eco-friendly future. Using tools like mobility services, route information and public transport can make travel more excient and sustainable, with a focus on adaptable mobility hub s. Digitalization, driven by ML/AI and IoT, is reshaping transportation with smart technology. It aims to achieve control, safety, and exciency, improving fleet management's cost-exectiveness through real-time monitoring, digital twins, metaverse, IoT, and other cutting-edge tools.

Transport decarbonization is the next industrial revolution, paving the way for net-zero emission technology and e⊠cient, eco-friendly transportation. The focus is on enhancing operations and reducing carbon emissions to reach net zero targets.

With an intense 2-day agenda, the conference seeks to expand in-depth discussions to ensure safer transport infrastructure, along with the technological challenges of the Intelligent transportation systems to an unpredictable future.

Conference Theme/Key Topics

- ★ Planning the Way forward for Smart Transportation to Improve Operations and Reduce Carbon Emissions, with a Strong Focus on Reaching Net-Zero Emissions through Eco-Friendly Practices
- ★ Enhance Fleet Management's Cost-E⊠ectiveness and E⊠ciency with Real-Time Monitoring, Digital Twin Technology, Metaverse, IoT, AR/VR, BIM, and Blockchain
- ★ Application of Big Data and Data Analytics to Improve Transport Safety, E⊠ciency, and Sustainability
- ★ Innovative Solutions in Tra⊠c Management, Parking, Passenger and Freight Information are Shaping the Future of Mobility, with Integrated Transport, and Ticketing at the Forefront
- ★ Why is it Time to Fund for the Future Transportation Where Money comes from and How to Secure it?

- ★ Strategic Technology Plays a Pivotal Role in Developing a Cohesive Fleet
 Network by Harnessing the Potential of Digital Twins and Enhancing Freight
 Solutions through Modal Shifts and E⊠cient Last-Mile Delivery
- ★ Best Practices and Case Studies of Field Experiments and Real-WorldDeployment of Emerging Vehicle Technologies Provides Practical Solutions
- ★ Impacts and Performance of 5G Communication, Emerging Cognitive Computing, ML/AI on the Transportation System's Safety, E⊠ciency, Energy Consumption, and Environmental Footprints
- ★ Smart Mobility Meets Sustainable Transportation with Electric Vehicles and Charging Infrastructure
- ★ The Evolving Landscape of Hydrogen and Fuel Cell Electric Vehicles: Shaping Infrastructure and Regulatory Safety Standards

Our Session Glimpse

































































































































































































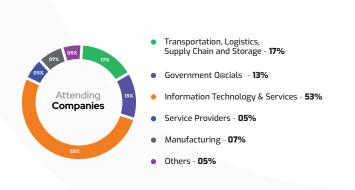
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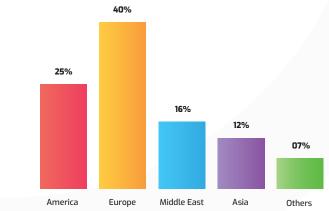
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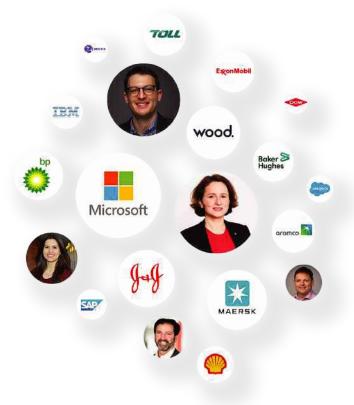
Statistics of previous conference







Attendee Seniority level breakdown











Attendee Survey Report



of respondents found the event to be a valuable use of their time



of respondents agreed that the virtual event was easy to understand, access, and navigate through



of respondents attend 4 or fewer conferences a year, making digital twin conference a valuable place to connect with this audience



of respondents said they are likely to join this event next year



of respondents found the conference content & sessions to be informative and useful



of respondents would recommend attending this event to a friend or colleague

SPEAKING OPPORTUNITIES



SPEAKING SESSION

30 minutes session includes 10min of Q&A's

- Live sessions in-front of delegates
- 20 minutes for the presentation +10 minutes for Q&A's
- Certificate of Appreciation
- Session should be based on conference theme/key topics only



PANEL DISCUSSION

1 hour session for 5 speakers

- Live panel discussion in-front of all delegates
- Certificate of Appreciation
- Discussion between panelists only

Want to become a speaker?

Get in touch with us for more information on Speaking opportunities!

Othman Syed

Conference Producer & Speaking Opportunities othman.syed@ptnevents.com







^{*} Please note that Speaker package is available only after the topic approval by the Production team.

Day 1 | Wednesday, May 22, 2024

(Agenda as of 06 March, 2024 and subject to change)

Sponsored Sessions
 Booked Sessions
 Available Sessions

07:30

Registration & Refreshment Networking

08:30

Durham County Council Electric Vehicle Infrastructure

- The strategic, operational and local challenges that Local Authorities face as we transition to electric vehicles and why Local Authorities are so important to the transition
- A new innovative model that can help Local Authorities and the private sector finance and deliver more EV infrastructure
- Beyond ZEV charging for passenger cars, how can Local Authorities do more to reduce transport carbon emissions?



Peter Ollivere Policy Team Leader, Durham County Council



09:00

How Qualcomm new technology empowers developers and enterprises to easily build real-time intelligence and visibility solutions

 Simple, secure, and scalable cloud-based services, power-optimized and precise location tracking, and an extensive hardware ecosystem work together to deliver tailored digital transformation solutions for use cases across industries.



Director, Cloud services, Qualcomm

Ramzi Alharayeri



09:30

Available Session

10:00 | GOLD SPONSOR Reserved for Department for Transport

for Transport



Breakfast & Networking Break

10:30 (30 mins)

11:00 | PLATINUM SPONSOR

Where Digital Amplifies Sustainability

- Synergy between Innovative Software Solutions and Sustainable Goals
- how their customers envisage the so-called twin transition
- Reducing the carbon footprint due to more excient operations but also by using green software



Willem Jan Groenewoud CEO, Ab Ovo Group



11:30

Net Zero in UK Urban Aviation

- Objectives, Increase the emectiveness of trams management in Coventry, leading to reduced congestion, pollution and associated economic / social benefits.
- New modes of Transport Innovation for future proofing our cities.
- What do we mean by Future of Flight, Potential benefits of drones?

Transport Innovation Manager, Coventry City Council



Sunil Budhdeo



12:00

The role of autonomy in the public transport system • What challenges are we solving – overview of transport programme and how automated vehicles can help solve some of these challenges.

• An overview of the GCP's work on autonomy which has developed a pathway to deployment.

Strategy and Partnerships (previously Programme Manager) Smart Cambridge, Greater Cambridge Partnership

- Current Government funded project which will be an at scale public transport deployment.



12:30

Daniel Clarke



Reserved for Lothian Buses

Lunch & Networking Break

13:00 (1 hour)

14:00

Influencing Transport Lab – insights from our Demand Responsive Transport Behavioural Research

- Our presentation will discuss how the Influencing transport lab aims to address the challenges in delivering exective behaviour change locally, regionally, and nationally. It will also present our ambition to create an evidence base and share best practice around travel behaviour change.
- It will demonstrate how a behavioural approach can be applied to demand responsive transport (DRT). It will highlight what an investigation of users' and non-users' perceptions tells us about delivering a DRT service that meets their mobility needs. • Finally, it will present results from testing social modelling interventions in demand responsive transport, to understand how exective they are at increasing the uptake of DRT.



Senior Future Mobility Developer-Behaviour Change, West Midlands Combined Authority



14:30

TfW MND Verification of Regional Transport Models

- The models support transport schemes and assessments in Wales
- The transport models originated from mobile network data (MND) collected in 2019 • They represent travel patterns and demand within Wales



Head of Transport Modelling, Transport of wales



15:00

Engineering with AI

Rhian Watt

- An overview of essential terms from both technical and legal viewpoints
- Case demonstrating the potential of using AI engines within design environments National Al Initiative Act of 2020 and the related Executive Orders in the US and their implications on emerging Al technologies



Matt Greener Zero Emission Institute Director, Arriva Group



15:30

Engineering with Al • An overview of essential terms from both technical and legal viewpoints

- Case demonstrating the potential of using AI engines within design environments National Al Initiative Act of 2020 and the related Executive Orders in the US and their implications on emerging Al technologies



Trevor Brennan Transport Implementation Lead (Project Lead), England's Economic Heartland



16:00 (30 mins)

Networking Break

16:30

The roadmap to the vision of "zero stress ticketing" A short walk-trough on achieving 95% customer satisfaction index through innovation, tech savvy and hairy goals

- For example projects like cEMV implementation, omnichannel PSP and digital TVMs in Oslo, Norway
- Heidi L.Hansen



IT and technology director (CIO/CTO), Flytoget AS



Distribution and Innovation Manager, Flytoget AS



Intelligent Trasc Control System (ITCS) to Mitigate Congestion Impact in Megacities

17:00

Enhanced performance of the coordinated tra⊠c light network • Application of Computer Vision and AI technology to improve intersection performance • Real-time adaptive and predictive trasc control systems, Digital Twin, and Big Data of trasc parameters

- Puguh Prakoso Senior Technical Expert, Dinas Perhubungan Provinsi DKI Jakarta



The future of Public Transport in Germany • Opportunities and hurdles in the implementation of the nationwide local transport ticket

- The spread of digital on-demand services as a supplement to traditional scheduled services Jan Strehmann
- Head of Mobility and Economy, German Association of Towns and Municipalities



Drink Reception 19:00 Gala Dinner

Day 2 | Thursday, May 23, 2024

(Agenda as of 25 Jan, 2024 and subject to change)

Sponsored Sessions
 Booked Sessions
 Available Sessions

08:30

Reserved for Ascendal Group



09:00 | PLATINUM SPONSOR

Transforming Transportation for a Sustainable Future: Navigating the Complex Landscape of Climate Change Challenges

• Resilience and Adaptation: Discuss the challenges of adapting transportation infrastructure to the changing climate, including the impact on coastal and urban areas.

- Understanding Climate Change Impacts: A comprehensive analysis of the environmental and social implications of climate change on the transportation sector.
- Innovative Technological Solutions: Exploring cutting-edge technologies and strategies for reducing carbon emissions in transportation, from electric vehicles to alternative fuels.
- Global Collaborations: Highlighting the importance of international cooperation and industry partnerships to address the complex issue of climate change in transportation.
- Policy and Regulation: Examining the role of government policies and regulations in mitigating climate change within the transportation sector.



Atul Manmohan

Electrical Engineer, Transportation Systems Rail & Transit Canada West, WSP in Canada



09:30

How strategic data sharing hubs can spur innovation in our multimodal transport ecosystem.

• Taking real-life examples from the Rail Data Marketplace, this presentation looks at how data sharing can spur innovation to improve the passenger experience, improve operational exciency and more exectively connect dimerent modes of transport to delight the customer.



Jez Smith Rail Data Marketplace Lead, Rail Delivery Group



10:00

Energizing Mobility: Grid Resilience for Sustainable Clean Transportation

 Climate Change and the Growing Grid Vulnerability: We will delve into the increasing frequency of natural disasters driven by climate change, such as hurricanes, wildfires, and extreme weather event. All while highlighting the impact natural disasters have on not only the electric grid but the impact, they have on the commercial market including first responders.

• The Importance of Grid Resiliency: The future success of transportation electrification requires predictable and reliable access to electricity. In this section will focus on three key areas. Firstly, the vital role of grid resiliency

- in powering zero emission vehicles and advancing transportation electrification. Second, why resiliency matters for the stability of our energy infrastructure amid climate challenges, while providing an estimated overall electricity demands that will be required as the world moves towards 100% electrification across the light, medium, and heavy-duty vehicles. Lastly, explore traditional resiliency measures that bolster grid stability and
- Solutions and Overcoming Constraints: In this segment, we will take a closer look at solutions for grid resiliency. We will start with a deep dive into microgrids, their advantages, and how they bolster grid reliability. Then, we will explore the Energy-as-a-Service model for energy security and adaptability. Lastly, we will address practical challenges, including regulatory, financial, and technical hurdles, that must be overcome to realize grid resiliency.



Maureen Marshall Senior Director, CALSTART



Project Manager, CALSTART

Katie Tomaszewski



Breakfast & Networking Break

10:30 (30 mins)

11:00

Why placemaking is a crucial ingredient in achieving smart transportation

- It can be intoxicating to pursue the incremental benefits of emerging smart transportation technologies and practices. However, when those incremental changes are added together it can impact our local places.
- A place-based lens can be useful for assessing whether smart transportation initiatives are working together to achieve better or worsening outcomes for people, communities, businesses and places.







11:30

Delivering the right environment for the UK intelligent transport sector to thrive

- Overview of the current state of the intelligent transport sector in the UK
- Key benefits, opportunities and challenges for the sector • Key asks of Government to ensure the sector can flourish
- Max Sugarman

Graham Pointer Director of Policy, WSP



Chief Executive, Intelligent Transport Systems UK (ITS UK)



12:00

Innovative projects in the Southeast of Scotland region (MaaS, DRT, real-time passenger information & VoyagAR)

- Trialling MaaS in Scotland and how partnership working with other regional transport partnerships helps to scale up MaaS (GoSEStran & Enable projects Home | Integrated Mobility (integratedmobilitypartnership.co.uk)) • How real-time passenger information and DDRT services could help contribute to a modal shift
- Utilising digital improvements to improve accessibility and equality for travelling via public transport the VoyagAR | Thistle Assistance | Your Travel Companion Discreet public transport support at your fingertips project



Rachael Murphy Strategy Manager, SEStran



12:30

How do we integrate smarter safety and security with smarter transportation systems to ensure we are better prepared if disaster strikes. Protecting our multi-modal transportation hubs of the future requires an integrated approach to security risk management, from concept design to passenger operations.

- Integrating safety and security with new, smarter transportation systems requires exective techniques to design out crime, providing crime prevention measures through environmental design.
- Preparing for major emergencies is a vital part of improving our capability for emergency response and resilience, and minimizing business interruption.



Director, OTHO LTD

mobility as a serious alternative to the car

Tony Thompson



13:00 (1 hour)

Lunch & Networking Break

"There's more to life than a car".Powered Two, Three and Light 4 Wheel Vehicles (Powered Light Vehicles) can provide a more environmental e⊠cient form of

- Whilst electric cars & vans appear to be the solution to the climate challenges, Governments appear to be ignoring the climate impacts these solutions have on the wider environment. The objective for Western Governments must not be to displace the problem elsewhere.
- Energy security is becoming a major concern, with this in mind battery electric and the raw materials needed in battery production will create new risks and environmental impacts not yet fully understood or ignored. • Powered Light Vehicles from a Life Cycle Analysis perspective is far more environmentally excient to manufacture, operate in life and manage waste at end of life. This vehicle type will provide mobility solutions for both
- people and goods in the urban and sub-urban setting, requiring less road space, reducing congestion and in many cases zero emissions at the tailpipe. Tony Campbell



Chief Executive, Motor Cycle Industry Association Ltd

14:30 Exploring how connected and autonomous mobility can help deliver economic growth

- Set out the Commission's progress on its study on the opportunities omered by automation and connectivity for delivering improvements to road safety, reducing congestion, improving the reliability and accessibility of transport services, and increasing productivity, and consider the implications for how the UK operates and maintain its road infrastructure. Explore emerging findings and insights from the first phase of the study and identify the areas where the Commission is likely to focus its recommendations, outlining what interventions in the country's road and other
- infrastructure (including data) may be required to realise the benefits from this emerging technology. Consider the policy and governance challenges that will need to be overcome to do this, within the context of uncertainty about the direction of future technological development.



Assistant Director, National Infrastructure Commission, National Infrastructure Commission

Greg McClymont

COMMISSION

INFRASTRUCTURE

NATIONAL

Transitioning to a Zero Emission Fleet

15:00

• The operational, commercial and life cycle cost challenges and opportunities that need to be considered when transitioning to either battery electric or hydrogen fuel cell buses creative approaches, partnerships, long-term planning, funding, infrastructure and energy supply plays a vital role in delivering successful projects

Digital Delivery Leader, Gannett Fleming

Anand Stephen



Learning resilience lessons from organisational multi-agency exercising

15:30

• Importance of exercising within business How to design a multi-agency exercise How to build the scenario

- How to run the event • How to maximise learning from the exercise
- How to weave exercising into the organisational learning journey
- **Aaron Gracey** Managing Director, Network Rail

16:30

Networking Break

16:00 (30 mins)

• England's Economic Heartland commissioned City Science to understand the potential for Intelligent Transport Systems (ITS), in particular smart signalised junctions or smart junctions within the EEH road region. This

technology trailed by City Science, VivaCity and others have demonstrated the role that new algorithms could play in easing trase flow or supporting the shift to more sustainable modes of transport (e.g., public transport, cycling and walking). • The main conclusions drawn from the work include there is a lack of local authority knowledge and gaps in understanding the benefits and challenges of smart junction technology, opportunities for smart junction

Digital corridors or benefits and challenges of smart junction technology at a regional road network scale

technology look promising when considering the relatively lower costs and carbon impacts compared to traditional infrastructure upgrades (as there is a reduced reliance on large new infrastructure) and there is a need to undertake microsimulation and/or the observation of live trials of smart signal junction technology on corridors should be considered, to further support deployment.

Martin Howell Transport Markets Director, Worldline UK&I

End of Day 2



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- End of Day 1 networking drinks reception and gala dinner



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30 Minutes Premium Speaking Slot (Includes 10mins of Q&A's)				-	
Speaker Pass and/or Co-Speaker Pass(es)	1 + 2 Pass	1 + 1 Pass	1 Pass	-	1 Pass
Exhibit Space (Includes draped table approx. 6ft, 4 chairs)	10ft x 20ft	10ft x 20ft	10ft x 10ft	10ft x 10ft	-
Literature Distrubution in Delegate packs (materials supplied by you)					-
Video interview with the company's representative				-	-
VIP Pre-Set Meetings with Clients	5	2	-	-	-
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Banner on conference floor (3X2m)		-	-	-	-

Interested in Exhibiting in 2024?

Get in touch with the team for more information on conference!

Chris Lee

Sponsorship & Media Director, Global Partnership Chris.Lee@ptnevents.com, +1 (640)-800-2228

TESTIMONIALS AND EXPERIENCE



Thanks very much for this opportunity. I was impressed by the quality of your event. It was as well run and organized as I've ever attended.



Thank you for giving us a chance to participate, it was a great experience and super organized platform.

Atheer Alatter | Lead Data Scientist



Rafig Khurshid | IT Specialist & Counsultant



I am happy to join the great team of speakers and thanks for having me on this awesome event. Excellent teamwork. Hope be with you next time.

Vitor Do Valle | Head of Centre of Excellence



Thank you, team for the Certificate. As mentioned before, I truly appreciate the prompt communication, prep call and accommodating my change of date. I look forward to partnering with ptn events in future.



Arthi Vasudevan | Senior Product Manager



Thank you very much for your support during this event. I think that overall it went well.

Gerardo Muñoz | Product Marketing Manager





Thank you for Sharing. I should have mentioned this in my feedback; some of the best i have seen for any conference, Live or Virtual. Awesome Event!



Lennart Heip | Global Modal and Technology



We are excited to join this great event. Sign up to hear a speech from Michal Paulski on Cybersecurity during the Oil and Gas Automation & Digitalization Conference.

Michal Paulski | Senior Manager





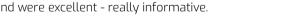
Many thanks to you the incredible team for organizing the event. Watching for 2 days was very insightful and your team exorts to organize everyone from around the created the success.



Johnathan Finlayson | Project Logistics Director



Thank very much for the opportunity. I was sincerely impressed by the quality of your event. It was as well run and organized a conference as I've ever attended. All of the sesssions i was able to attend were excellent - really informative.





Oh man, some of my favorite folks in freight are the container shipping right now.





Tan Miller | Director, Global Supply Chain Management Program

It was a valuable session and great learning from Global leader, It was amazing conference,



We managed to be in touch with good leads. User-friendly and very professional sta⊠ all along the sponsorship journey.



Pankaj Gupta | Global Sourcing



Carl Lauron | Founder

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