

# Autonomous Vehicle Conference

## Assessing the AV landscape in the UK

### 18-19 October 2021

#### Day 1 : 18 Oct 2021

09:30	<b>Platform open</b>
<b>Overview of the regulatory landscape</b>	
<b>Session 1</b>	
10:00	<b>IET &amp; Chairman's welcome and introduction</b>  Stephen Powley, PHD Researcher, Research Institute for Clean Growth and Future Mobility, Coventry University and Technical Advisor, IET's Automotive and Road Transport Systems Network
10:05 – 10:35	CCAV's role in advancing AV across the UK - Regulatory updates, policy initiatives and upcoming developments  Jamie Hodsdon, Head of Future Automated Vehicle Regulation – Regulations & Ethics, Centre for Connected and Autonomous Vehicles (CCAV)
10:35 – 11:05	Creating the ecosystem for self-driving future  Bhavin Makwana, CAM Insights Strategist, Zenzic
11:05 – 11:15	Joint Q&A
11:15 – 11:35	<b>Networking break</b> <b>AI matched networking</b>
<b>Projects and market developments</b>	
<b>Session 2</b>	
11:35 – 12:05	Case Study - Jaguar's journey towards driverless cars with zero accidents and zero congestion  Andrew Walker, Senior Manager, Jaguar Land Rover
12:05 – 12:35	A real-time testbed for in-vehicle network IDS training and validation  Hoang Nga Nguyen, Associate Professor, Institute for Future transport and Cities, Coventry University
12:35 – 12:45	Joint Q&A

<b>12:45 – 13:25</b>	Networking break  Breakout Room 1:  Can the industry meet the 2030 deadline of getting AV on the road and how prepared are we ?	Breakout Room 2:  Challenges and opportunities in getting AV projects off the ground and what is the role of the stakeholders involved ?
<b>Session 3</b>		
13:25 – 13:55	Case Study - Safety assurance and test programme development to allow CAV solutions to achieve advanced mobility  Richard Hillman, Principal Engineer - CAV, HORIBA MIRA Limited	
13:55 – 14:25	Developments in the connected and automated mobility (CAM) testbeds across UK  Kevin Vincent, Director, Centre for Connected and Autonomous Automotive Research Institute for Future Transport and Cities, Coventry University	
14:25 – 14:35	Joint Q&A	
<b>14.35</b>	<b>Networking Break</b>	
<b>15.00</b>	<b>End of day one</b>	

## Day 2 : 19 Oct 2021

<b>AV technology and innovation</b>		
<b>Session 4</b>		
<b>10:00</b>	<b>IET &amp; Chairman's welcome and introduction</b>  Stephen Powley, PHD Researcher, Research Institute for Clean Growth and Future Mobility, Coventry University and Technical Advisor, IET's Automotive and Road Transport Systems Network	
10:05 – 10:35	Data and safety assurance for automated vehicles  Nick Reed, Founder, Reed-Mobility, Non-Executive Director, FISITA, UK & Visiting Professor, University of Surrey	
10:35 – 11.05	Creating cyber resilience in driverless cars – What are the strategies and solutions to consider ?  Peter Davies, Director Security Concepts, Thales UK & lead, Cyber Security for AESIN (Automotive Electronics Innovation Network) and the UK Auto Council	
11:05 – 11:35	Understanding and ensuring the safety implications for driverless vehicles  Alan V Thomas, Director of Consultancy & Research, CAVT Ltd	
11:35 – 11:50	Joint Q&A	
<b>11:50 – 12:00</b>	<b>AI matched networking</b>	

<b>12:00 – 12:40</b>	<b>Networking lunch</b>
<b>Ethics and behaviour</b>	
<b>Session 5</b>	
12:40 – 13:10	Exploring the ethics of connected and autonomous vehicles – Update from the European Commission and industry best practices  Paula Palade, Member Expert Group Ethical Issues Raised by Driverless Mobility, European Commission
13:10 – 13:40	Assessing the importance of behavioural science in CAV acceptability and deployment  Rebecca Posner, Behavioural Research and Evaluation Lead, Centre for Connected and Autonomous Vehicles (CCAV), Department for Transport
13:40 – 13:55	Joint Q&A
13:50	<b>Chairman’s final remarks followed by Networking break</b>
<b>14:15</b>	<b>Close of Conference</b>