DEEP DIVE SESSIONS

ROUND 1

13:30 - 14:30

Cybersecurity of Smart Mobility

Ever more advanced computers, software and connectivity in vehicles are enablers, but is there enough trust in the mobility systems? New legislation such as R.155 and R.156 will mitigate cybersecurity risks but how will we control the 'rest risk'? Topics in this session are: discussion about responsibilities, lessons from other sectors, new research and upcoming activities.

Gerard Doll (RDW), Yoram Meijaard (TNO), Carlos Murguia (TU/e), Brain de Bart (NXP)

Innovation in Traffic Management

Cooperative, connected and automated mobility, data from road users and infrastructure, as well as developing technologies such as Artificial Intelligence, present new opportunities to manage traffic. In this session, we will discuss how Road Authorities and Service Providers can leverage these innovative technologies and help each other to manage the mobility of the future.

Stephanie Leonard (TomTom), Yvonne van Velthoven-Aarts (Eindhoven), Etienne Wieme (SmartwayZ.nl), Bob Randsdorp (RHDHV)

Transition in Public Transport due to Digitalization and Urbanization

IT is as enabler, but is there enough trust in the mobility systems? How can we mitigate cybersecurity risks and control the 'rest risk'? Discussion about responsibilities, lessons from others like the banking sector and a coordinated action plan are topics.

Dami Adebayo (Routing Company), Héctor Cañas (Bable Smart Cities), Guido di Pasquale (Pave), Giulia Renzi (Icoor), Menno van der Zee (Routing Company)

Challenges on Safety of Automatic Driving

Which exiting new developments are going on to make automatic driving possible in such a way that it contributes to vehicle ánd traffic safety? What are the technical challenges to realise, validate and control safe behaviour of automated cars? The role of governments will be discussed.

Arturo Tejada (TNO), Frans Tillema (HAN), Ali Ufuk Peker (ADASTEC), Espedito Rusciano (RDW), Rino Brouwer (I&W)

ROUND 2

14:30 - 15:30

Data platforms for Mobility and Logistics

Digital platforms and dataspaces for smart logistics, for CCAM and city transport; Industry and governments discuss the technologies, open platforms, European standardizations and interoperability.

Shirish Kasa (TomTom), Laurens Lapré (CGI), Menno Malta (Monotch), Peter Verkoulen (TNO), Bard de Vries (NDW)

Influence of AI on Mobility

Artificial Intelligence can be a powerful tool to enable more safe and sustainable mobility, e.g. as part of decision making processes for automated mobility, as well as creating more connections and optimization (traffic flow, emissions, multimodal offers to users). At the same time, it needs to be ensured that the AI tools come with solutions which are accepted by users, bringing them value.

Jan-Pieter Paardekooper (TNO), Margriet van Schijndel (TU/e), Kristian Winge (Sycada)

Do's and don'ts of Autonomous Shuttles

Autonomous shuttles and buses are tested and used in several site and contexts. What are obstacles for large scale implementation? Listen to the lessons learned from different (international) projects presented by the different speakers.

Axel Bergweiler (Bahnen der Stadt Monheim), Tim de Ceunynck (LRM), Matthieu Graindorge (Helmond), Peter Staelens (Eurocities), Magdalena Szymańska (Gdanks)

Data-driven Applications for Mobility

What is important in developing applications in smart mobility? User-centered, European standardization, interoperability and applications are subjects to be discussed.

Willem Hartman (Vialis), Caspar de Jonge (I&W), Evelien Marlier (IMEC)