

# It's all about Roads

7. Transport Research Arena  
 16.-19. April 2018  
 Reed Exhibitions Messe Wien  
 Vienna / Austria

## TRA 2018 discusses current trends in road traffic

Research on road vehicles and road infrastructure is a major focus of TRA 2018. In the field of automation, connectivity with the vehicle environment and infrastructure plays an increasingly important role. New technologies such as machine learning or novel materials are changing the road infrastructure, which is evolving towards an intelligent road networked with vehicles. The road infrastructure of the future is cost-effective, highly available and secure, and is essential for automated and low-emission traffic. The technologies and procedures required for this will be presented in a large number of sessions and lectures during TRA 2018.

### Relevant Sessions

- **STR1.1:** User-Centric Mobility Systems
- **STR1.2:** Towards a Truly Integrated Transport System
- **STR2.1:** New Digital Technologies Impacting Transport
- **STR2.2:** Safe and Efficient Transport through Connectivity and Automation
- **STR3.3:** Infrastructure and Decarbonised Transport
- **ST6: 8.1** Automated Transport: Enabling Methods and Technologies
- **ST8:** 8.2 Automated Transport: Scenarios, Fundamentals, Regulation
- **ST12:** 7.4 Transport Infrastructure: Technology Testing and Assessment
- **ST17:** 8.3 Automated Transport: Modelling, Evaluation, Validation & Testing
- **ST18:** 7.1 Transport Infrastructure: Application of Machine Learning
- **ST20:** 3.1 New Concepts of Advanced Propulsion Systems: Design & Demonstrators
- **ST23:** 7.6 Transport Infrastructure: User Centric Capacity Planning and Management
- **ST26:** 1.7 Improvement of Emissions and Efficiency of Electric and Fuel Cell Vehicles, Busses and Train
- **ST27:** 1.1 Life Cycle Assessment in Transportation
- **ST32:** 2.2 Chassis and Vehicle Dynamics
- **ST34:** 2.3 Technologies for Clean, Efficient and Safe Vehicles
- **ST36:** 7.7 New Materials, Constructions & Techniques for Infrastructure



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- **ST37:** 1.6 Reduction of CO2 Emissions and Improved Fuel Economy
- **ST42:** 7.3 Transport Infrastructure: Asset Management and Life Cycle Analysis
- **ST49:** 3.2 New Concepts of Advanced Propulsion Systems: Deployment & Assessment
- **INV1:** How to Enable Interoperable and Seamless Cross-Border C-ITS Services in Europe
- **INV7:** Automated Vehicle Testing on European Public Roads
- **INV11:** Infrastructure as a Service
- **INV16:** Fuelling Clean Transport - Europe-Wide Alternative Fuels Projections in 2030 by the JEC Research Collaboration Including Reports on Three European Projects on Batteries for EVs

### Highlights

- **Opening:** first Session of the TRA2018 with EU-Commissioner Violeta Bulc and Federal Minister for Transport, Innovation and Technology Norbert Hofer, keynote speech by futurist Gerd Leonhard
- **Industrial Round Table:** high-level industry representatives discuss challenges of the sector
- **Interactive Zone:** experience latest research trends and findings first hand and connect with other experts in the Networking Zone
- **Side Events:** Gala-Dinner in the ballroom of Vienna City Hall, TRA VISIONS 2018 award ceremonies, several Technical Tours alongside the venue

