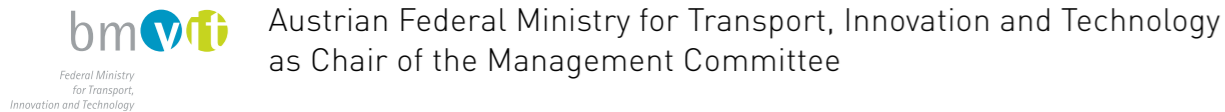


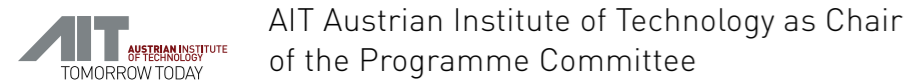
KEY DATES

21 December 2016	Call for abstracts opens
21 March 2017	Abstracts due
31 May 2017	Abstracts review decision sent to authors
15 September 2017	Full paper due
15 October 2017	Preliminary programme publication
25 November 2017	Full paper review decision sent to authors
25 January 2018	Final programme publication
16-19 April 2018	7 th European Transport Research Arena, Reed Messe Wien, Vienna/Austria

TRA 2018 will be hosted and organised by



Austrian Federal Ministry for Transport, Innovation and Technology as Chair of the Management Committee



AIT Austrian Institute of Technology as Chair of the Programme Committee



AustriaTech as Chair of the Organising Committee

Co-organised by

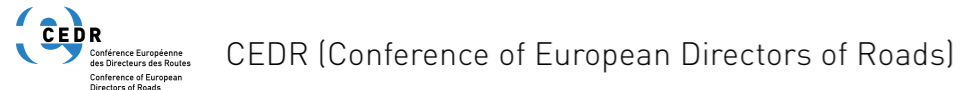


European Commission

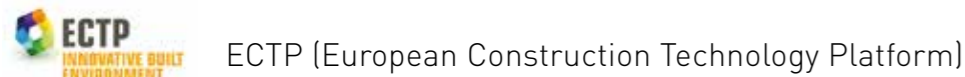
and supported by (in alphabetic order)



ALICE (Alliance for Logistics Innovation through Collaboration in Europe)



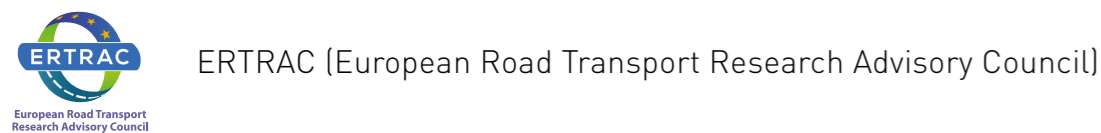
CEDR (Conference of European Directors of Roads)



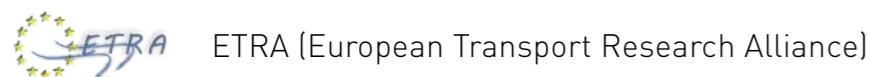
ECTP (European Construction Technology Platform)



ERRAC (European Rail Research Advisory Council)



ERTRAC (European Road Transport Research Advisory Council)



ETRA (European Transport Research Alliance)



WATERBORNE

PROGRAMME COMMITTEE CHAIR

Surname	First name	Platform/Function	Affiliation
Chimani	Christian	PC Chair	AIT
Fellendorf	Martin	PC Vice-Chair	TU Graz
Haider	Manfred	PC Vice-Chair	AIT
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TRA
TRANSPORT RESEARCH ARENA

VIENNA 2018
A digital era for transport
solutions for society, economy and environment

**1ST ANNOUNCEMENT
CALL FOR ABSTRACTS**

**CALL
OPEN FROM
21/12/2016 to
21/03/2017**

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Be part of THE European Research and Technology Conference on Transport and Mobility

Hosted and organised by:



Co-organised by:



Supported by:



STATUS: DECEMBER 2016



The Transport Research Arena TRA is THE European research and technology biennial conference on transport and mobility. After a decade of successful editions around Europe (2006 Göteborg, Sweden; 2008 Ljubljana, Slovenia; 2010 Brussels, Belgium; 2012 Athens, Greece; 2014 Paris, France; and 2016 Warsaw, Poland), the 7th TRA will take place in Vienna from 16 to 19 April 2018.

Digitalisation and decarbonisation are high on the agenda of TRA 2018 and will be reflected throughout the conference, as the key dimensions expected to overhaul the transport system for all stakeholders. An important aim of TRA 2018 will be to imagine, sketch and investigate scenarios where ground-breaking digital and low-carbon technologies are deployed and impact on people, the transport system and the environment as we know it will be discussed.

TRA 2018 will combine the new challenges of mobility and logistics with still open questions of transport and infrastructure and will cover all modes of transport: road, rail, waterborne, aviation as well as cross-modality. Passenger and freight transport in urban, inter-urban and long distance settings will be considered. For the first time all modes will be integrated to achieve a comprehensive, seamless transport system.

While presenting the most advanced research, the latest technological and industrial breakthroughs as well as future policies for Europe and beyond, TRA 2018 is conceived and designed as an “arena”, where the interplay across the entire spectrum of transport stakeholders facilitates open discussion and exchanges and offers a unique occasion to showcase European and international cutting edge transport research and innovation.

FOCUS OF THE TRA 2018 PROGRAMME

TRA 2018 is an arena for researchers, companies and public authorities active in the field of transport. It welcomes policy makers and stakeholders framing research and transport policy. Together they will share and discuss new ideas, research results, technological solutions and new business models. Together they will experience and shape the future of transport and mobility for people and goods.

Key focus areas will be:

- How digitalisation is transforming transport & mobility systems
- Decarbonisation & future growth – how to change our mobility system & remain competitive
- Shaping the new mobility landscape – a vision for transport & mobility for Europe

The TRA 2018 programme includes a range of different session formats that will offer ample opportunity to share information on recent findings and to discuss the aforementioned challenges and opportunities.

In scientific and technical sessions, a broad spectrum of research and innovation activities will be discussed, ranging from basic research findings over application-oriented engineering and socio-economic aspects to policies and standards.

The call for abstracts and papers will select the best scientific and technical contributions in the following research topics:

TRA 2018 TOPICS

1. Environment and Energy Efficiency
2. Vehicles & Vessels – Design, Development and Production
3. Advanced Propulsion Systems
4. Smart Urban Mobility & Logistics
5. People Mobility – Systems and Services
6. Freight Transport and Logistics
7. Transport Infrastructure
8. Connected and Automated Transport
9. Digital Technologies for Transport
10. Safe, Secure and Resilient Transport Systems
11. Human Dimension in Transport
12. Socio-Economics, Innovation and Policy

The topics of the contributions will refer to all modes of transport: road, rail, waterborne and aviation. Moreover, there will be presentations and discussion on cross-modal themes and on topics that are not mode-specific.

CONFERENCE STRUCTURE

TRA 2018 will include:

- Plenary sessions dedicated to important policy challenges addressed by invited keynote speakers
- Strategic sessions fostering exchange between industry and policy makers and addressing major innovation fields
- A large number of scientific and technical sessions in which reviewed papers will be presented either orally or as posters to the audience
- Poster presentations for Outreach Marketplace

The conference language is English.

WHO SHOULD ATTEND?

TRA 2018 is open to

- researchers, academics, students and young researchers, engineers,
- transport infrastructure managers and owners
- traffic operation managers, transport operators
- SMEs and Start-Ups
- industry, vehicle manufacturers and suppliers, ship builders
- public authorities, governmental bodies
- non-governmental organisations
- other transport stakeholders and decision makers.

CALL FOR PAPERS – SUBMIT YOUR ABSTRACT

Abstracts of up to 500 words in English are NOW invited for online submission. They are expected to report on original, recent and substantive achievements related to one or more of the 12 TRA 2018 topics. After successfully passing the abstract review, authors will be invited to submit full papers which - if successfully reviewed - will be presented in oral or poster format at the conference.

TWO TYPES OF ABSTRACTS/PAPERS ARE WELCOME:

- scientific papers, which will undergo a scientifically-oriented review process
- technical papers, which are reviewed based on the quality of technology, relevance for implementation and case studies

Authors are invited to submit abstracts by 21 March 2017 on www.traconference.eu, where full details on the selection criteria and decisions are provided.

A selection of the best scientific papers will be invited for publication in a peer-reviewed scientific journal. All accepted papers will be published in the conference proceedings and made electronically accessible.

Scientists who submit papers presenting results from EU-funded projects are additionally invited to take part in the TRA Visions 2018 competition for senior researchers in the field of innovative surface transport.

TRA VISIONS 2018 COMPETITIONS LAUNCH

TRA VISIONS 2018 invites young and senior researchers from all over Europe to submit innovative transport concepts to www.travisions.eu, which has also just launched today 21st December 2016. The two European-funded TRA VISIONS 2018 competitions – one for young researchers and the second for senior researchers – have started their ideation phase. Young and senior researchers throughout Europe are invited to submit innovative concepts on future transport matters until the end of October 2017 to enhance the efficient and sustainable transport and mobility of people and goods.