



6th European Transport Research Conference

MOVING FORWARD:

Innovative Solutions
for Tomorrow's Mobility

www.traconference.eu

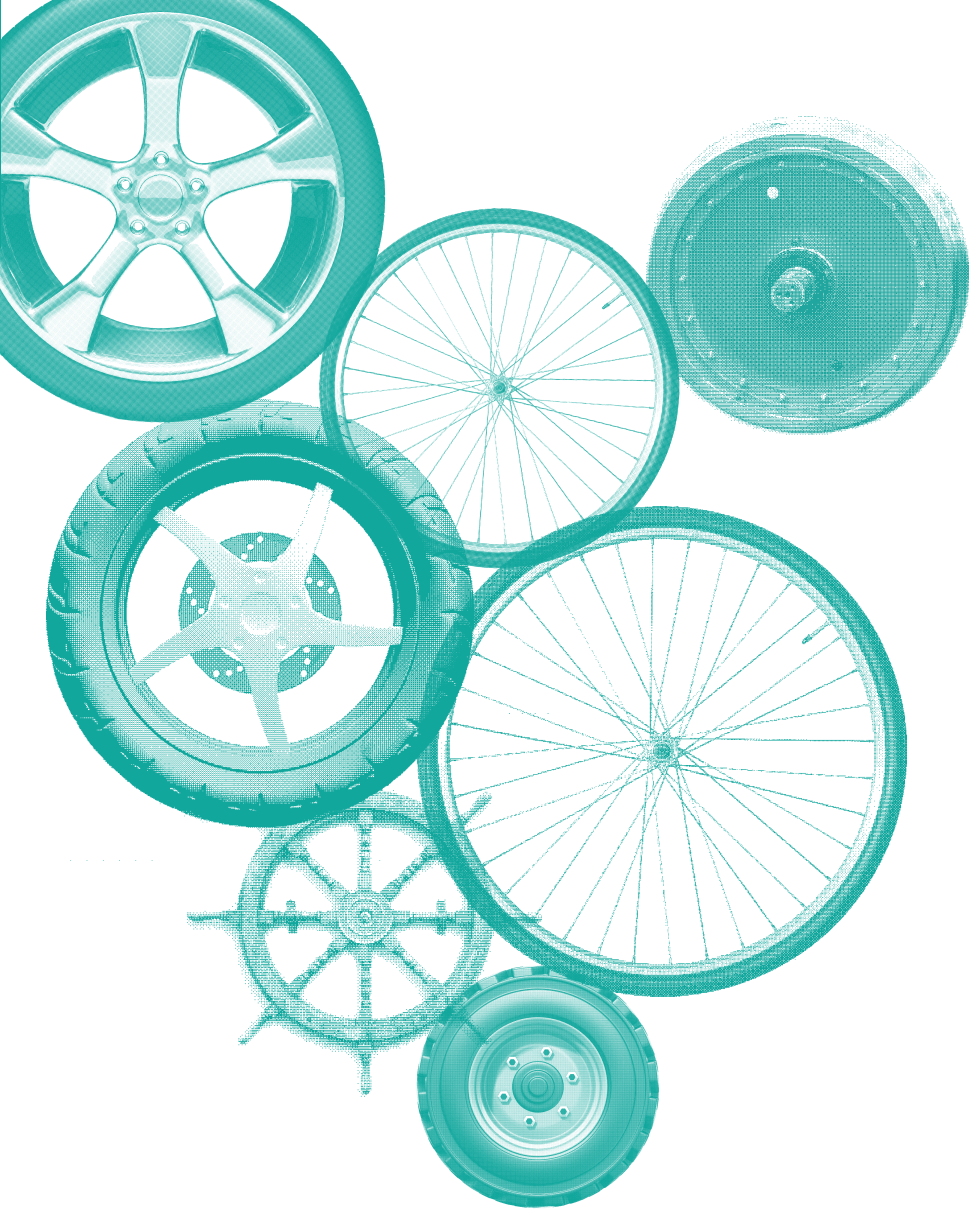
1ST
**ANNOUNCEMENT
CALL FOR ABSTRACTS**



WARSAW

Poland
18-21 April 2016





Key Dates

10 January 2015
30 March 2015
15 June 2015
30 September 2015
30 October 2015
20 December 2015
25 January 2016

18-21 April 2016

Call for Abstracts

Abstracts due

Abstracts review decision sent to authors

Full paper due

Preliminary programme publication

Full paper review decision sent to authors

Final program publication

6th European Transport Research Conference
National Stadium, WARSAW, POLAND

MOVING FORWARD INNOVATIVE SOLUTIONS FOR TOMORROW'S MOBILITY

6TH EUROPEAN TRANSPORT RESEARCH CONFERENCE

TRA is the major European conference on transport, supported by the European Commission (EC), the Conference of European Road Directors (CEDR) and the four European Technology Platforms on surface transport: the European Road Transport Research Advisory Council (ERTRAC), the European Rail Research Advisory Council (ERRAC), WATERBORNE TP, and the Alliance for Logistics Innovation through Collaboration (ALICE). The European Construction Technology Platform (ECTP) also participates in the Programme Committee activities. The conference topics address the main challenges in transport and mobility of people and goods with respect to energy, environment, safety and security as well as socio-economic issues. TRA aims at exploring the most advanced research and innovations, the latest technological and industrial developments and implementations, as well as innovative policies from Europe and beyond. As a wide forum open to all parties concerned, it offers a unique occasion to promote and improve European competitiveness and efficiency in transportation.

After the successful editions of 2006 (Göteborg, Sweden), 2008 (Ljubljana, Slovenia), 2010 (Brussels, Belgium), 2012 (Athens, Greece) and 2014 (Paris, France), TRA2016 will be organised in Warsaw by the Ministry of Infrastructure and Development (MIIR) and the Road and Bridge Research Institute (IBDiM).



O B J E C T I V E S

Effective European transport is a factor of economic growth and provides social benefits. It is necessary to consider transport from the economic perspective, in view of environmental and societal challenges, and with regard to the global competitiveness of Europe. Research and implementation challenges that will be addressed at the TRA should take into account the needs of modern European society and create partnerships to promote innovation in transport.

As the resources and funds available for research are limited, it is necessary to define the most significant research areas in transport at the global, European and national levels. The development of common schemes and standards for the interoperability of transport systems is also a huge challenge for policy makers as well as researchers. It is essential to develop mechanisms to encourage cooperation and competitiveness between transport systems in Europe and in the world, as well as to address the evolving needs in the education system to better tackle future industrial and societal needs. It is crucial to answer a question how to conduct research in transport in order to meet these challenges and to ensure the mobility of people and goods, and thus freedom in the political and economic sense. There is a need to assess the allocation of resources and funding schemes to the transport system towards increased efficiency and seamless multimodality, and to enable a better spatial planning so that transport systems provide mobility for people and goods at the highest level of energy efficiency, reliability, and safety.

TRA 2016 is an exceptional event for researchers, industry representatives and policy-makers to meet and discuss these issues, identifying the innovative solutions that can drive a better future transport system for Europe.



S C O P E A N D T O P I C S

The scope of the conference covers all modes of surface transport: road, rail and waterborne, as well as co-modality, applied to both passenger and freight, in urban, inter-urban and long distance settings. Airports are integrated for their contribution to the transport systems .

The latest achievements of European research and technological developments will be presented and thoroughly discussed by participants.

A broad spectrum of research and innovation activities will range from basic sciences to application-oriented engineering, social, technical and economic aspects, as well as policies and standards.

The following multidisciplinary topics and modes will be addressed at the TRA2016.

Topics:

1. Environment – Decarbonisation, Sustainability and Energy Efficiency
2. Vehicles & Vessels Technologies, Design and Production
3. Urban and Long-Distance People Mobility - Systems and Services
4. Urban and Long-Distance Freight Transport and Logistics
5. Safe, Secure and Resilient Transport Systems
6. Transport Infrastructure
7. Human Factors, Socio-Economics and Foresights
8. Automation and Connectivity
9. Enabling Environment for Innovation Implementation

Modes:

- A. Road
- B. Rail
- C. Waterborne
- D. Airports
- E. Cross-modal



WHO SHOULD ATTEND?

TRA 2016 is open to researchers and academics, students, engineers, transport infrastructure managers and owners, construction and engineering companies, traffic operation managers, transport operators, vehicle manufacturers and suppliers, ship builders, local authorities, governmental bodies and non-governmental organisations and other transport stakeholders and decision makers.



CONFERENCE ORGANISATION

TRA 2016 will include:

- Plenary sessions dedicated to key political topics addressed by invited high-level speakers,
- Strategic sessions to address major innovation fields and convey policy messages and industrial key issues,
- Scientific and technical sessions on the conference topics, where the reviewed papers will be presented by authors, either as oral or poster presentations,
- Poster presentations focusing on the outreach market place.

Submit your abstract

Abstracts of 400 to 500 words must be submitted online, in English, on original, recent and substantive achievements, related to one or more main topic (1 to 9), one or more main mode (A to E) as listed above.

Two types of abstracts/papers will be welcome: (i) scientific papers, (ii) practical papers focused on implementation and case studies.

Authors are invited to submit abstracts by 30 March 2015: www.traconference.eu.

Accepted papers will be published in the conference proceedings.

Awards

Awards for the best papers and posters will be presented at the conference.

In addition, two competitions for transport research awards, supported by the European Commission, will be presented during the conference:

- a student research competition to stimulate the interest in sustainable surface transport among young researchers/students;
- a competition for senior researchers in the field of innovative surface transport concepts based on results from the EU-funded projects.

More information on the TRA conference web site: www.traconference.eu

Exhibition

Governmental and professional organisations, public and private research organisations and industrial companies will present their activities and meet the participants in an exhibition organised in conjunction with the conference.

Conference language

English





PROGRAMME COMMITTEE (PC) AND SCHEDULE

Programme Committee (PC)

Leszek Rafalski – Chairman (IBDiM)
Adam Zofka - deputy Chairman (IBDiM)
Wojciech Porczyk (MliR)
Maria C. Astorga-Llorens (EC)
Maria-Cristina Marolda (EC)
Patrick Mercier-Handisyde (EC)
Albert Daly (CEDR)
Rikard Engstrom (CEDR)
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Yves Amsler (ERRAC)
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Nicolas Furio (ERRAC)
Zissis Samaras (ERTRAC)
Karen Vancluysen (ERTRAC)
Heather Hamje (ERTRAC)
Willem Laros (Waterborne TP)
Fernando Liesa (ALICE)
Małgorzata Kirchner (ALICE)
Meng Lu (ALICE)

Former TRA PC Chairpersons

Aleš Žnidarič (TRA2008)
Anne Beeldens (TRA2010)
Panos Papaioannou (TRA2012)
Bernard Jacob (TRA2014)

Invited members

Aleksandra Cybulska (GDDKiA)
Łukasz Skorupski (GDDKiA)
Marcin Zaremba (PKP)
Luc Bourdeau (ECTP)
Karin Tausz (TRA2018/AustriaTech)
Christian Chimani (TRA2018/AIT)

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Conference submission / authors website:
www.traconference.eu

General information:
office@tra2016.eu