



5th conference

Transport Solutions:
from Research to Deployment
Innovate Mobility, Mobilise Innovation!

Paris - La Défense CNIT, 14 - 17 April 2014

www.traconference.eu

Second Announcement



COMMITTEES

Management Committee

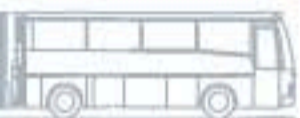
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Christelle Fongue (IFSTTAR), Secretary
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Willem Laros (WATERBORNE TP/Damen Schelde)
Jean-Yves Le Ven (WATERBORNE TP/MEDDE)
Fabrice Theobald (WATERBORNE/ GICAN)

+Invited members

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Patrick Malléjacq (IFSTTAR), PC Vice-Chair
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Programme Committee

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KEY DATES

March 29, 2013

Abstract/Invited session submission deadline

June 30, 2013

Authors and invited session organiser notification

September 30, 2013

Full paper submission deadline

December 1, 2013

Decision on full papers, invited session complete description submission

January 6, 2014

Revised paper submission deadline

CHAIRMEN ADDRESS

The fifth edition of the Transport Research Arena (TRA2014) will be held at the beginning of the Horizon 2020 European Framework Programme for research and innovation. Horizon 2020 will tackle societal challenges by helping to bridge the gap between research and the market. There are major issues in transport related to environmental impact and GHG emission, as curbing by 20% by 2020, alternative energy and energy savings, sustainable mobility and infrastructures, safety and security, etc. This needs to carry out and implement advanced research works, to develop new policies, adjusted education and Industrial Innovations.

The theme and slogan of the TRA2014 are respectively: **"Transport Solutions: From Research to Deployment"** and **"Innovate Mobility, Mobilise Innovation"**. The objective of TRA2014 is to mobilise the best researchers and engineers together with the policy and decision makers, and company managers and engineers, in order to find and implement innovative solutions in transport. Investing in research and innovation would help to create jobs, to favour prosperity and increase the quality of life. All surface modes are concerned, including walking and cycling, and cross modal transports.

TRA2014 will be composed of several types of sessions, for information to be better disseminated.

A special attention will be paid to the publication of the selected papers, both to recognise the academic research works and to disseminate knowledge and best practices to the final users.

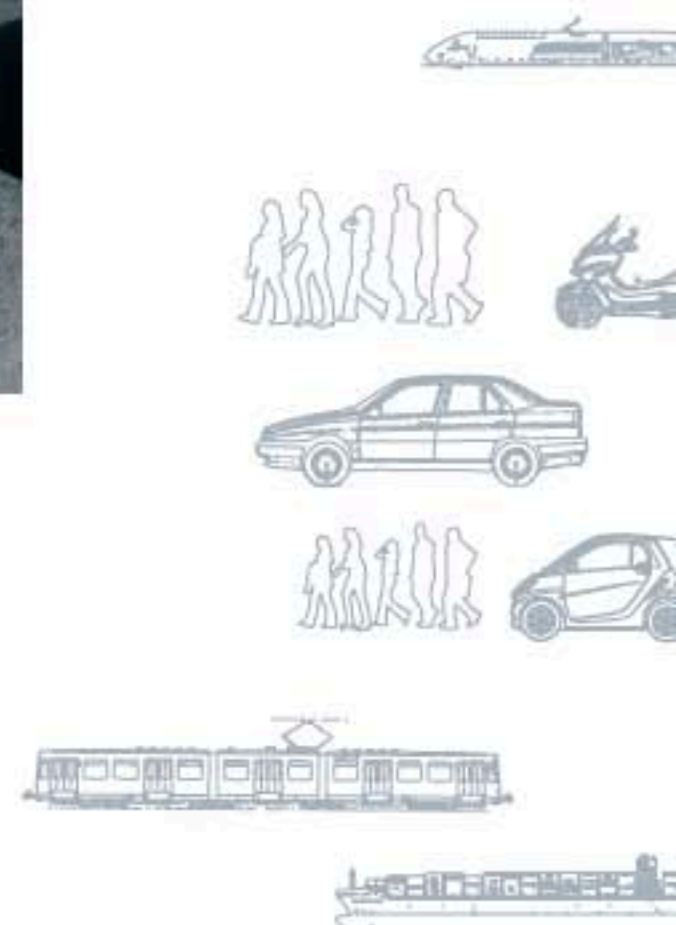
For the first time, associated events and joint conferences will be organised to enlarge the audience, offering new perspectives on several topics and increasing the networking with international stakeholders.

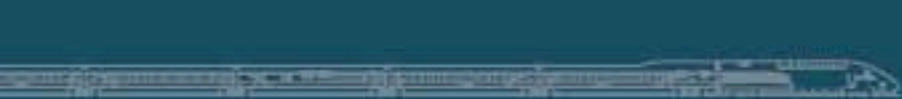
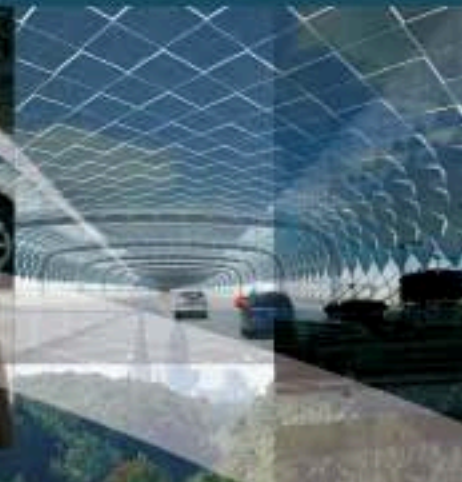
On behalf of the TRA Management and Programme Committees, we are honoured to invite you to TRA2014, in the business district of Paris-La-Défense (April 14-17, 2014).

Jean-Bernard **KOVARIK**
(MEDDE)
Management
Committee Chairman



Bernard **JACOB**
(IFSTTAR)
Programme
Committee Chairman





ABOUT THE CONFERENCE

TRA (Transport Research Arena) is the major European conference on transport, supported by the European Commission, the Conference of European Road Directors, and the three European Technology Platforms: the European Road Transport Research Advisory Council (ERTRAC), the European Rail Research Advisory Council (ERRAC), and the European Technology Platform for waterborne sector (WATERBORNE TP).

The transport sector plays a strategic and major role in the European single market and in a fast changing economic and societal frame. Policies, technologies and behaviours must be continually adapted to new constraints, such as climate change, the diminishing supply of fossil energy, the economic crisis, the increased demand for mobility, safety and security, etc. Transport infrastructures, vehicles and vessels, modal share and co-modality, urban planning and energy and environment issues are the subject of extensive studies, research works and industrial innovations, conducted by universities, research institutes, companies, practitioners, and public authorities.

After the success of the 2006 (Göteborg, Sweden), 2008 (Ljubljana, Slovenia), 2010 (Brussels, Belgium) and 2012 (Athens, Greece) conferences, TRA 2014 will be organised in Paris, France, hosted by the French Ministry of Ecology, Sustainable Development and Energy and IFSTTAR.

OBJECTIVES

The conference topics address the main challenges in transport and mobility of people and goods, with respect to energy, environment, safety and security and socio-economic issues. TRA aims at exploring the most advanced research works and innovations, the latest technological and industrial developments and implementations, and innovative policies, in Europe and worldwide. As a wide forum open to all interested parties, it is an unique occasion to promote and improve European competitiveness and efficiency in transportation.

TRA 2014 is a unique opportunity and a multi-disciplinary and inter-agency event, to bring together all the actors and to exchange ideas about these questions. This event will contribute to the European transport competitiveness.

TRA 2014 will be the first major event where the European Commission's 'Horizon 2020' research and innovation programme will be discussed in depth, as the programme is due to be launched at the beginning of 2014..

SCOPE AND TOPICS

TRA is not only a research conference, but an arena which aims at bringing together European stakeholders from all areas of transport and transport-related activities. The scope of the conference encompasses all modes of surface transport: road, rail, waterborne, urban transport, planning and mobility, as well as co-modality.

The latest achievements of European research and the technological developments needed for the next decades will be presented, discussed, shared and debated between all the involved parties.

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 policy and standards. Of particular interest are examples of market uptake and deployment.

TOPICS

1. Environment and Energy
2. Industry Competitiveness
3. Logistics and Mobility Systems and Services
4. Safety and Security
5. Transport Infrastructures
6. Transport Policy Research / Socio-economic / Human sciences
7. Vehicles & Vessels Technologies

MODES

- A. Road
- B. Rail
- C. Waterborne
- D. Cross-modality

WHO SHOULD ATTEND?

TRA 2014 is open to researchers and academics, students, engineers, decision makers, 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.

CONFERENCE ORGANISATION

TRA 2014 will comprise:

- plenary sessions dedicated to general and policy presentations by invited keynote speakers,
- strategic sessions to convey policy messages and industrial key issues,
- scientific and technical sessions on the conference topics, where the accepted papers will be presented, either as oral or poster presentations,
- invited sessions, to be proposed and organised by community or project leaders, submitted to the Programme Committee review and acceptance, without published papers.

Conference language: English

Parallel Exhibition: A showcase for governmental and professional organisations, public and private research organisations and industrial companies will be held in conjunction with the conference.

SUBMIT YOUR ABSTRACT OR INVITED SESSION

Abstracts of 400 to 500 words must be submitted online, in English, on original, recent and substantive achievements, related to one main topic (1 to 7) and one main mode (A to D) as listed above.

Two types of abstracts/papers will be welcome: (I) scientific papers, (II) users' oriented papers.

Invited session proposals are welcome and a summary (300 words max) must be submitted which contains: the title, the organiser, the format (e.g. panel discussion, series of oral presentations, posters...), a short description of the main objectives and themes to be addressed, and the expected audience.

Authors are invited to submit abstracts or invited session summary by March 29th, 2013: <http://tra2014.sciencesconf.org/>

Accepted papers will be published in the conference proceedings.



HOW TO REGISTER?

The online registration portal will be open around September 2013.

We invite you to visit the website of the conference to have more information on the pricing.

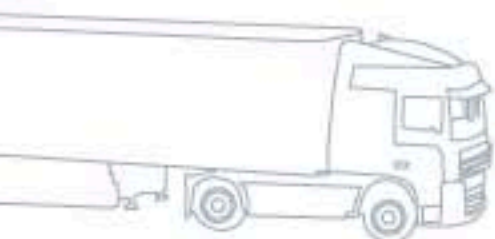
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AWARDS

There will be awards for the best papers and posters presented at the conference. In addition, there will be two competitions for transport research awards to be presented during the conference:

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



PARIS PARIS



Describing Paris at great lengths isn't really necessary! Film makers have always revelled in putting the city in the spotlight. From Carné and his 'Enfants du Paradis' performed on the defunct boulevard du Temple, to Godard bringing Belmondo to the Champs Elysées to meet Jean Seberg in 'A bout de souffle', including Minelli leading Gene Kelly's flying steps in 'Un américain à Paris', references to films putting the 'City of Lights' on show, are endless. Yet behind these picture post-cards displaying Paris more like a museum, frozen in time, the city of Paris is a modern metropolis which has been under permanent regeneration since the major planning projects implemented by Baron Haussmann in the mid-19th century.

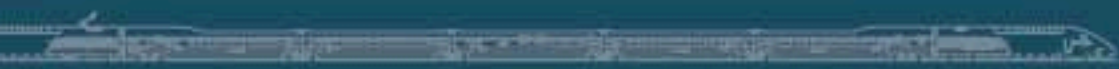


Like any other major metropolis, Paris is experiencing a population growth year after year and considerable expansion must be accommodated. The Greater Paris Consortium has been convened for that very purpose and is re-designing the Paris transport system based on a fully automated Métro called the 'Grand Paris Express'; it would run on 155 kilometres of track, connecting airports, TGV (High Speed Train) stations, the heart of Paris and the main economic centres and competence clusters. This large-scale project should make the Paris Region even more attractive to the rest of Europe; it should also open up specific isolated areas and create new urban polarities. Paris, and beyond it, its Region, is a dynamic metropolis where research plays an extensive role. A number of clusters of excellence have been developed over the past 10 years in order to strengthen the position of Paris as a World Metropolis. One example would be the Cluster of Excellence in Marne-la-Vallée, where higher education schools, universities and research centres live side by side and work every day on identifying efficient solutions for tomorrow's mobility.

It is with great pleasure that Paris throws its doors wide open, welcoming the 5th Edition of TRA 2014. Paris is looking forward to becoming for a few days the European capital on transport.

**Come and meet us
at the CNIT, In Paris La Défense In April 2014!**





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IFSTTAR

(TRA 2014)

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