

Second Announcement Call for Abstracts



AUN-2014
CNIT, La Défense, Paris, France
April 15th-16th, 2014



Ministère de l'Écologie, du Développement durable et de l'Énergie

www.developpement-durable.gouv.fr



STAC

Airport in Urban Networks



About the conference

Along with the periodic AERODAYS European Conferences dedicated to Research & Technology Innovation in Aeronautics and Air Transport, TRA (Transport Research Arena) is another conference dedicated to surface transport in Europe. Supported by the European Commission, the Conference of European Road Directors, and the three surface transport European Technology Platforms: the European Road Transport Research Advisory Council (ERTRAC), the European Rail Research Advisory Council (ERRAC), and the WATERBORNE TP, the Paris' TRA-2014 is the 5th TRA edition involving road transport and the 2nd covering the three surface modes. The first edition with the three modes (road, rail, waterborne) took place in Athens in 2012.

On 15-16 April 2014, associated with the TRA-2014 conference, the French Technical Service of Civil Aviation (STAC) is organising in Paris the **AUN-2014 'Airports in Urban Networks'** European Conference which is also taking place in CNIT-Paris La Défense conference centre.

It is the first time that airport issues are addressed within the TRA.

In addition, AERODAYS High-Level European Conferences are periodically held to cover the entire European Aeronautics and Air Transport Research & Innovation. The last 6th AERODAYS Conference took place in Madrid in March 2011 and the next 7th AERODAYS is scheduled to take place in 2015.

Objectives

Aviation is one of the most advanced and technology intensive sectors in Europe, with countless innovative spill-overs on other European sectors. It provides close to nine million highly skilled jobs, directly and indirectly, and contributes by 600 billion Euros to Europe's Gross Domestic Product. Home to some 450 airlines and over 700 airports, European aviation plays a key role in addressing European competitiveness as well as responding to society's needs for efficient, safe, secure and sustainable mobility – in Europe and all over the world.

Aviation Policies, innovative technologies and operations must be continually improved to respond to numerous challenges identified in the new aviation vision "Flightpath2050" revealed by the Commissioners KALLAS and GEOGHEGAN-QUINN at the AERODAYS-2011 and the ACARE Council's Strategic Research and Innovation Agenda SRIA revealed at ILA-Berlin in September 2012. These challenges include in particular

improving cost efficiency, fostering aviation greening to mitigate climate change, responding to the diminishing supply of fossil energy, the economic crisis, the increasing demand for air travel, air safety and security, shortening time in airport and travel time, etc.

Aviation is a long-cycle strategic sector which needs extensive and specific studies, research technology & innovation activities, conducted with multi-annual visibility and a programmatic approach by the industry, academia, research establishments, airports and airlines operators, air navigation service providers as well as public authorities.

The AUN-2014 Event therefore is a true opportunity to bring together all the actors and to exchange ideas about improving further the relation between airports and their neighbouring cities, to further develop the European mobility and competitiveness

Scope

AUN2014 is a research and technological conference. The scope of the conference covers all aspects of the relationship between the airport and the city.

Latest achievements in European research and the technological developments needed for the next decades will be presented, discussed, shared and debated by all the involved parties.

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

Topics

1. environmental issues (noise, air pollution, water treatment, use of new lights),
2. management of crisis and resilience of the airport system
3. capacity issues (infrastructures, terminals and links with the city)
4. airport and city links
5. constraints related to the operational activity of an airport.
6. management of airport infrastructures

Who should attend ?

This conference 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 organisation



Committees' members and Key dates

Programme Committee

Jean-Noël THEILLOUT (DGAC/STAC) *coordinator*
Jean-Louis PIRAT (DGAC/STAC) *co-coordinator*
Bernard JACOB (IFSTTAR) *coordination with the TRA*
Patrick LERAT (Vinci concession)
Prof. Dr. Johannes REICHMUT (DLR)
Christoph SCHNEIDER (Munich Airport)
Steffen WENDEBERG (Frankfurt Airport)
Robert GRAHAM (Eurocontrol)
Laurent CAVADINI (Eurocontrol)
Philippe AYOON (DGAC/DTA)
Cyril FABRE (Airbus)

Key dates

June 27th, 2013

Abstract session submission deadline

auguste 19th, 2013

Authors notification deadline

November 29th, 2013

Full paper submission deadline

January 17th, 2013

Decision on full papers deadline

february 14th, 2014

paper submission deadline

April 15th -16th, 2014 AUN201

Conference organisation

AUN2014 will comprise:

scientific and technical sessions on the conference topics, where the accepted papers will be presented, either as oral or poster presentations,

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.

Venue: AUN2014 will be held at the CNIT in Paris business district of Paris-La Défense during TRA 2014

Submit an abstract

Abstracts of 400 to 500 words must be submitted **online**, in English, on original, recent and substantive achievements, related to one main topic as listed in the Scope and Topics.

The authors of accepted papers will be invited to present them either in an oral or a poster session, the decision being taken by the Scientific Committee while designing the final programme, based on several criteria but NOT on the paper quality!

It is also possible to submit an abstract for a poster only (no paper), preferably by the same deadline. But for a poster only, the deadline will be extended until the end of September.

Authors are invited to submit abstracts or invited session summary **by june 27th, 2013**.

Accepted papers will be published in the conference proceedings

Author are invited to submit abstracts on the conference submission/authors website

by june 27th, 2013 :

<http://aun2014.sciencesconf.org>

If you have any questions, feel free to contact us:

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