

URBAN TRANSPORT 2019



25th International Conference on Urban Transport and the Environment

25 –27 June 2019 | Aveiro, Portugal

Organised by

Wessex Institute, UK

University of Aveiro, Portugal

Sponsored by

WIT Transactions on the Built Environment

International Journal of Transport Development and Integration

The International Conference on Urban Transport and the Environment has successfully been reconvened for 25 years, always attracting a wide international spread of delegates. The Conference is well-established as the premier event of its type.

The continuing requirement for better urban transport systems and the need for a healthier environment has added to the increasing success of this annual meeting which attracts international delegates from many different countries. Innovative systems, new approaches and original ideas need to be thoroughly tested and critically evaluated before they can be implemented in practice, which highlights the importance of the meeting. Moreover, there is a growing need for integration with telecommunications systems and IT applications in order to improve safety, security and efficiency. The Meeting also addresses the need to solve important pollution problems associated with urban transport in order to achieve a healthier environment.

The variety of topics covered by the conference reflects the complex interaction of the urban transport systems with their environment and the need to establish integrated

strategies. The aim is to arrive at optimal socio-economic solutions while reducing the negative environmental impacts of current transportation systems.

The conference started in Southampton in 1995; continuing in Barcelona (1996); Acquasparta, Italy (1997); Lisbon (1998); Rhodes (1999); Cambridge, UK (2000); Lemnos, Greece (2001); Seville (2002); Crete (2003); Dresden (2004); Algarve (2005); WIT Campus in the New Forest (2006); Coimbra (2007); Malta (2008); Bologna (2009); Limassol (2010); Pisa (2011), A Coruña (2012), Kos (2013), Algarve (2014), Valencia (2015), Crete (2016) and Rome (2017). All papers are included in the WIT Transactions and archived in the Wessex Institute's eLibrary at <http://www.witpress.com/elibrary>, where they are permanently and easily available to the international community.



Conference Chairmen

G Passerini

Marche Polytechnic University, Italy
Member of WIT Board of Directors

C Borrego

University of Aveiro, Portugal

International Scientific Advisory Committee

M Coelho

University of Aveiro, Portugal

M V Corazza

University of Rome "La Sapienza", Italy

L D'Acierno

University of Naples "Federico II", Italy

R Hassan

Swinburne University of Technology, Australia

R Licciardello

University of Rome "La Sapienza", Italy

G Marseglia

Link Campus University of Rome, Italy

J L Miralles i Garcia

Polytechnic University of Valencia, Spain

A Monteiro

University of Aveiro, Portugal

S Narayanaswami

Indian Institute of Management, India

F A Ortega Riejos

University of Seville, Spain

S Paiva

Polytechnic Institute of Viana do Castelo, Portugal

C Piccioni

University of Rome "La Sapienza", Italy

S Ricci

University of Rome "La Sapienza", Italy

I Schoeman

North West University, South Africa

Benefits of Attending

Publication of Papers Papers presented at Urban Transport 2019 will be published by WIT Press in a Volume of WIT Transactions. Selected papers will appear in an Issue of the International Journal of Transport Development and Integration instead.

Reviews Abstracts and papers are reviewed by members of the International Scientific Advisory Committee and other experts.

Open Access WIT Press is an advocate of Open Access which offers maximum dissemination of your work. All WIT Transactions and Journal papers can be downloaded for free of charge from the WIT elibrary (www.witpress.com/elibrary).

Indexing and Archiving Papers presented at Wessex Institute conferences are referenced by CrossRef and have appeared in notable reviews and databases. Papers are submitted to various indexing services such as Web of Science, Google Scholar and Scopus. All conference books are listed in the British Library and American Library of Congress.

Conference Proceedings At registration delegates will be given copies of the papers presented at the Conference on a USB Flash drive. Following the Conference, delegates will receive an electronic copy of the final publication in which their paper has been published.

Digital Archive All conference papers are archived online in the WIT eLibrary (www.witpress.com/elibrary) where they are permanently and freely available to the international scientific community.

Networking Participants can present their research and interact with experts from around the world, as part of a unique community.

Reduced Fee for PhD Students The Wessex Institute believes in the importance of encouraging PhD students to present and publish innovative research at its conferences. As a result, the Institute offers PhD students a much reduced conference fee.

Conference Topics

The following list covers the topics to be presented at the meeting. Papers on other subjects related to the objectives of the conference are also welcome.

Urban transport planning and management

Urban strategies

Mobility and public space

Smart city transport

Urban impacts of public transport

City logistics

Public transport systems including public policies and governance

Environmental impact

Economic and social impact

Safety and security

Dangerous goods transport

Travel behaviour studies

Traffic control

Traffic accidents

Transportation modelling and simulation

Infrastructure development

Intelligent and advanced transport systems

Mass transport strategies

Freight transport

Railway systems

Port and city

Innovative electric transportation

Eco-mobility transport systems

Integrated network systems including inter-modal transport systems

Traditional and alternative fuels and energy



© Joaomartinho63

Location

The charming Portuguese city of Aveiro is situated on the saltwater lagoon of Rio de Aveiro and is characterised by its sandy coast, scenic estuary, gardens and parks. Occasionally referred to as "Portugal's Venice", you can often see colourful gondolas travelling along the three canals that wind their way through the city. The city has an urban sophistication that combines with its modern style. This, merged with Aveiro's historical marine environment, makes the city unique.

Conference Venue

The University of Aveiro was founded in 1973; this innovative and dynamic University has a student population of approximately 15,000.

This research-led institution provides both undergraduate and postgraduate courses and include mathematics, industrial engineering, design, materials, physics and chemistry within its fields of study. There are a total 18 research units, of which 15 are renowned for their excellence internationally.



© Jeedrek

Submission Information

Abstracts of no more than 300 words should be submitted as soon as possible.

Abstracts should clearly state the purpose, results and conclusions of the work to be described in the final paper. Final acceptance will be based on the full-length paper, which if accepted for publication must be presented at the conference.

The language of the conference will be English.

Online submission:

www.witconferences.com/transport2019

Conference Secretariat

Priscilla Cook

pcook@wessex.ac.uk

Wessex Institute

Ashurst Lodge, Ashurst
Southampton, SO40 7AA, UK

Tel: +44 (0) 238 029 3223

Fax: +44 (0) 238 029 2853

