

I-ESA
2016



29 March - 1 April 2016

INTEROPERABILITY FOR ENTERPRISES SYSTEMS
AND APPLICATIONS

18TH INTERNATIONAL CONFERENCE!



Guimarães
Portugal

I-ESA 2016

The International Conference on Interoperability for Enterprise
Systems and Applications

*Enterprise Interoperability in the digitized and networked Factory of
the Future*

GUIMARÃES, Portugal

Pre-Conference:

29th March 2016 (Doctoral Symposium)

29th - 30st March 2016 (Workshops)

Conference: 31st March - 1st April 2016

Call for Workshop Papers

Workshop:

**“Intelligent Transport Systems”, *Big Data and Open Data in
Transport - Challenges and Opportunities***

Workshop Chairs:

Ruben Costa, UNINOVA, Babis Magoutas, ICCS

You are cordially invited to participate to the Workshop **“Intelligent Transport Systems”, *Big Data and Open Data in Transport - Challenges and Opportunities*** in the **International Conference on Interoperability for Enterprise Systems and Applications I-ESA 2016**. Since several years, I-ESA is the major event about Enterprise Interoperability and the official conference of Virtual Laboratory for Enterprise Interoperability ([INTEROP-VLab](#)) with the sponsorship of the International Federation for Information Processing ([IFIP](#)).

Accepted and presented papers will be published by [ISTE Publications UK](#).

Objectives

- To analyse the barriers and limitations of the transportation system to exploit big data opportunities. This topic should address issues that range from technical to institutional.
- To brainstorm on the efficiency and interoperability of transport systems and operations. Harmonise interoperability between value chain partners, allowing easy information sharing and creating trust in the complex, multi-modal transport.
- To present the on-going projects/initiatives of the ITS domain, actively contributing towards enhancing big data and open data on transport. Bring together around five recently EC funded ITS projects for sharing ideas, knowledge, approaches and promoting collaboration.
- To examine the institutional and governmental issues and barriers concerning the application of big data in transport providing policy recommendations towards "data openness" and sharing.

Topics

Big data and Open data: ITS Spatial Data, Public Transport data, Freight data, Electronic Fare Collection data; ITS Standardisation; Cooperative ITS; Human Machine Interfacing in ITS; The impact of social media in ITS; Methods and approaches for sustainable mobility in urban areas; ITS infrastructure and tools; Transport network capacity planning and optimisation (the case of toll roads); Other relevant ITS related topics

Paper Submission

Papers abstracts must be in English, describes original work and must follow the [ISTE guidelines](#) for authors. Paper length should be 6 pages for a full paper and 4 pages for a short paper. The selection of the paper will be performed based on the abstract and not on the full paper.

Authors should submit their contributions by email to the Workshop Chair Ruben Costa (rddc@uninova.pt) or to Babis Magouta

Key Dates

- January 15th , 2016, Submission of abstract
- January 30th ,2016 Notification of acceptance

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- March 7th , 2016, “final draft” paper
- 29th, 30th March 2016 I-ESA 2016 Workshops
- April 15th , 2016: Camera-ready of the “final version” of the papers, including the summary of the discussion by workshop,

Please, consider that **at least one author per paper must register** to the Workshops by **January 15th, 2016**. If none of the authors is registered, the paper will not be included in the workshop programme and in the proceedings.

Further Information about this Workshop

Enquiries to: Ruben Costa, rddc@uninova.pt,
Babis Magouta, elbabmag@mail.ntua.gr

Further Information about Conference

Website: www.i-esa.org