

Call for Papers
INTERNATIONAL WORKSHOP ON
“ICT ENABLED INTELLIGENT TRANSPORTATION SYSTEMS”
To be held in conjunction with 26th international conference on
SOFTWARE ENGINEERING AND KNOWLEDGE ENGINEERING 2014
SEKE 2014
<http://www.ksi.edu/seke/seke14.html>
Hyatt Regency, Vancouver, Canada
July 1 - July 3, 2014

Scope

Recent advances in software and information technologies (IT) has affected the way people move, work, play, process data and socially interact. Location-aware mobile devices, low cost sensor data collection via mobile devices, in-vehicle-monitoring systems (IVMS), infrastructure of low-cost sensor networks and existing IT infrastructures together with business intelligence and data analytics have enabled both individuals and enterprises become more robust with respect to their ever changing environments. A common theme in all those activities, is how to conceive, collect, record, describe, analyze, and manage large scale data-information-knowledge and how to generate added value from the data-information-knowledge for individual and enterprises. Several workshops and conferences on Big Data and Data Analytics already exist. In this workshop, the differentiating points are:

1. Particular focus on knowledge and knowledge engineering as the added value for both users and providers of the services.
2. Focus on a common engineering test-bed for all those activities, which is developing methodologies and systems for automated vehicles (AV) and electric vehicles (EV). The “Canadian Automated Vehicles Centre of Excellence” (CAVCOE) has recently been formed to advance the agenda on automated/electric vehicles in Canada.

This workshop aims at bringing together academic, industrial and commercial communities interested in ICT enabled intelligent transportation systems to discuss and exchange experiences with particular focus on AVs and EVs. Articles from academic research, product and application development and case studies with industry will be sought after.

Topics

We invite the submission of papers on original and unpublished research on all aspects of intelligent transportation systems, including, but not limited to:

- Development of intelligent transportation systems
- Intelligent transportation systems: architecture and standards
- Intelligent transportation systems case studies and lessons learned
- Intelligent transportation systems: Safety and mobility perspectives
- Intelligent transportation systems: Environmental aspects
- Real time traffic Data collection techniques
- Traffic data analysis

- Data fusion for intelligent transportation systems
- Modeling and simulation of various aspects of intelligent transportation systems
- Connected vehicles technologies and applications
- Electric vehicles technologies and applications
- Automated vehicles technologies and applications
- Intelligent transportation systems: Telecommunications perspectives
- Driver's behavior detection and analysis
- Intelligent transportation systems: Economics perspectives
- Multimodal Intelligent transportation systems
- Intelligent transportation systems: Current and future research directions

Paper Submissions

Papers, submitted to the session, must not be previously published or be under consideration for publication elsewhere. The session papers are considered as papers submitted to SEKE'2014, and they undergo the same review process. Therefore, all accepted papers will be published in the proceedings of SEKE'2014. All manuscript must be in English and do not exceed 6 pages of the 2-column format. A MS-Word template can be found at http://www.ksi.edu/seke/Conf_Template.dot. A Latex template can be found at <http://www.ksi.edu/seke/sk00latex.html>. An electronic version (Postscript, pdf, or MS Word format) of the manuscript should be submitted using URL:<https://www.easychair.org/conferences/?conf=seke2014>. Make sure to select the **ICT Enabled Intelligent Transportation Systems**. It is planned to publish selected papers in a special issue of the International Journal of Software Engineering and Knowledge Engineering (<http://www.worldscinet.com/ijseke/ijseke.shtml>).

Important Dates

Paper Submission Deadline	March 15th, 2014
Acceptance Notification	April 20th, 2014
Camera-Ready Copy	May 10th, 2014
Early Registration Deadline	May 10th, 2014

Organizers

1. Dr. Behrouz Far, Professor, Department of Electrical & Computer Engineering, University of Calgary, AITF Research Chair in Smart Multimodal Transportation Systems
2. Dr. Mahmood Moussavi, Department of Electrical & Computer Engineering, University of Calgary
3. Dr. Ahmad Radmanesh, Department of Electrical & Computer Engineering, University of Calgary
4. Dr. Mohammad Moshirpour, Department of Electrical & Computer Engineering, University of Calgary (organizing and Local arrangements)
5. Dr. Hamdy Ibrahim, Department of Electrical & Computer Engineering, University of Calgary (organizing and Local arrangements)