

IEEE/IFIP International Workshop on Urban Mobility & Intelligent Transportation Systems UMITS 2016 Towards the Operationalization of ITS



Apr 25, 2016 Istanbul, Turkey

The IEEE/IFIP International Workshop on Urban Mobility & Intelligent Transportation Systems (UMITS 2016) will be held in conjunction with the IEEE/IFIP Network Operations and Management Symposium (NOMS 2016) in Istanbul, Turkey, Apr 25, 2016. UMITS provides a venue for discussing the latest scientific results and practical case studies on Intelligent Transportation Systems (ITS). The workshop is directed at both academic researchers and practicing engineers. In this edition we focus on planning and managing ITS and how to move the technology from the laboratories to the cities. The topics of interest have been carefully selected to provide a comprehensive overview of the most significant issues related to Planning & Managing ITS. Thorough comprehension of urban mobility enables the development of more realistic and sophisticated models for ITS. More sophisticated ITS models enable the development of better strategies for Planning & Managing ITS, which may allow new insights into the application of novel technologies such as Internet of Things, Clouds, Software Defined Networks, Big Data, and Social Networking.

TOPICS OF INTEREST

Authors are invited to submit papers that fall into or are related to one or more of the topic areas listed below:

PLANNING & MANAGING ITS

- Network Management
- Communication in ITS
- Vehicular Networks
- Experience Reports
- Experimental Testbeds
- Privacy, Authentication, Reputation for ITS

NOVEL TECHNOLOGIES

Clouds, SDN, Social Networks for ITS

URBAN MOBILITY

- Traffic Prediction
- Mobility Models

MODELS for ITS

- Algorithms for ITS
- Analytic Formulations
- Optimization Models
- Probabilistic Approaches

INTERDISCIPLINARY

- Green ITS, Economic, Legal and Regulative Issues

PAPER SUBMISSION

All submissions must present original, unpublished research or experiences. Only original papers that have not been published elsewhere can be submitted. Each **regular paper** must be accompanied by a 75- to 200-word abstract outlining scope and contributions. Papers are limited to 6 pages (including references).

On the other hand, a **short paper** (fast abstract) is 3 pages long accompanied by a 50- to 75-word abstract stating new or controversial ideas or presenting work in progress. All submissions must be written in English in IEEE 2-column style. Authors should submit their papers via JEMS:

<https://jems.sbc.org.br/umits2016>

AWARD will be presented to the best UMITS paper.

PROCEEDINGS

Accepted papers at UMITS'16 will be included in the conference proceedings, IEEEExplore, IFIP database, and EI Index. IFIP and IEEE reserve the right to remove any paper from the IFIP database and IEEEExplore if the paper is not presented at the workshop.

TECHNICAL PROGRAM COMMITTEE

- Ahmet Sekercioglu (Universite de Technologie de Compiègne, France)
- Albert Levi (Sabanci Universitesi, Turkey)
- Alexey Vinel (Tampere University of Technology, Finland)
- Aline Carneiro Viana (INRIA, France)
- Andre L. L. Aquino (Universidade Federal de Alagoas, Brazil)
- Andreas Pitsillides, (University of Cyprus, Cyprus)
- Antônio Alfredo Ferreira Loureiro (Universidade Federal de Minas Gerais, Brazil)
- Al-Sakib Khan Pathan, (UAP and SEU, Bangladesh/ Islamic University in Madinah, KSA)
- Azrina Abd Aziz (Universiti Teknologi Petronas, Malaysia)
- Carlos T. Calafate (Technical University of Valencia, Spain)
- Christoph Sommer (University of Paderborn, Germany)
- Constantinos Antoniou (National Technical University of Athens, Greece)
- Daniel Ludovico Guidoni (Universidade Federal de São João Del-Rei, Brazil)
- Daniel Macedo (Universidade Federal de Minas Gerais, Brazil)
- Daniel Mosse (University of Pittsburgh, USA)
- David Eckhoff (University of Erlangen, Germany)
- Dusan Teodorovic (University of Belgrade, Serbia)
- Eduardo Cerqueira (Universidade Federal do Para, Brazil)
- Ela Babalik-Sutcliffe (Middle East Technical University, Turkey)
- Fehmi Ben Abdesslem (SICS, Sweden)
- Fei-Yue Wang (Chinese Academy of Sciences, China)
- Guilherme Augusto Silva Pereira (Universidade Federal de Minas Gerais, Brazil)
- Gustavo Marfia (Università di Bologna, Italy)
- Hediye Tuydes (Middle East Technical University, Turkey)
- Heitor S. Ramos (Universidade Federal de Alagoas, Brazil)
- Hilmi Berk Celikoglu (Istanbul Technical University, Turkey)
- Hongbin Sun (Xi'an Jiaotong University, China)
- Horácio Fernandes (Universidade Federal do Amazonas, Brazil)
- Jack Haddad (Israel Institute of Technology, Israel)
- Jaime Lloret Mauri (Universidad Politécnica de Valencia, Spain)
- Javier Sanchez-Medina (Universidad de Las Palmas de Gran Canaria, Spain)

- Joaquim Castro Ferreira (Universidade de Alveiro, Portugal)
- Joao F. M. Sarubbi (CEFET-MG, Brazil)
- Joel J. P. C. Rodriguez (Universidade da Beira Interior, Portugal)
- Jose Barcelo-Ordinas (Universidad Politecnica de Catalunya, Spain)
- Jose Eugenio Naranjo Hernandez (Universidad Politecnica de Madrid, Spain)
- Kashif Akhtar Saleem (King Saud University, Saudi Arabia)
- Leandro Villas (UNICAMP, Brazil)
- Leonardo Rocha Dutra (Universidade Federal de São João Del-Rei, Brazil)
- Liam Keliher (Mount Allison University, Canada)
- Loukas Dimitriou (University of Cyprus, Cyprus)
- M. Kemal Leblebicioglu (Middle East Technical University, Turkey)
- Marcelo Franco Porto (Universidade Federal de Minas Gerais, Brazil)
- Marco Fiore (CNR-IEIIT, Italy)
- Mario A. Nascimento (University of Alberta, Canada)
- Marios Lestas (Frederick University, Cyprus)
- Markos Papageorgiou (Technical University of Crete, Greece)
- Mehdi Bezahaf (Pierre et Marie Curie Université, France)
- Mujdat Soyurk (Marmara University, Turkey)
- Mustafa Gokler (Middle East Technical University, Turkey)
- Naila Bouchemal (Universite de Versailles St-Quentin-En-Yvelines, France)
- Oded Cats (TU Delft, Netherlands)
- Ozan Tonguz (Carnegie Mellon University, USA)
- Oznur Ozkasap (Koc Universitesi, Turkey)
- Qurban Ali Memon (United Arab Emirates University, UAE)
- Peter Steenkiste (Carnegie Mellon University, USA)
- Renato Assuncao (Universidade Federal de Minas Gerais, Brazil)
- Richard W. Pazzi (University of Ontario, Canada)
- Rone Ildio da Silva (Universidade Federal de São João Del-Rei, Brazil)
- Susana Sargento (Universidade de Aveiro, Portugal)
- Tanvir Ahmed (Aalborg University, Denmark)
- Vasos Vassiliou (University of Cyprus, Cyprus)
- Wagner Meira Jr (Universidade Federal de Minas Gerais, Brazil)
- Wantanee Viriyasitavat (Mahidol University, Thailand)
- Yacine Ghamri-Doudane (University of La Rochelle, France)
- Xiqun (Michael) Chen (Zhejiang University, China)
- Xin Pei (Tsinghua University, China)

ORGANIZING COMMITTEE

- Cristiano M. Silva (DTECH/UFSJ, cristiano@ufsj.edu.br)
- Jose Marcos S. Nogueira (DCC/UFGM, jmarcos@dcc.ufmg.br)

IMPORTANT DATES

- Paper submission: **December, 15, 2015**
- Notification of acceptance: **January, 30, 2016**
- Workshop date: **Apr 25, 2016**

SPONSORS



For more information: <http://www.umits-noms2016.dcc.ufmg.br>