



UBIROADS'2011

Call for papers

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The 3rd International Workshop on ITS for Ubiquitous Roads – UBIROADS'2011
co-located with GIIS 2011 (<http://www.giis2011.org>)
4-6 August 2011, Da Nang, Vietnam

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The Intelligent Transportation Systems (ITS) program is a universal initiative whose objective is to add information and communication technology to transport infrastructure and vehicles. It aims to manage different factors in order to improve safety and comfort to drivers/passengers, and reduce transportation times and fuel costs. ITS topics are attracting more and more academic and industrial players.

The goal of UBIROADS'2011 is to offer a unique forum to bring together researchers and professionals from academia, government and industry to share and discuss ideas, visions, applications and new results related to ITS issues. Authors are invited to submit papers presenting new research related to the theory or practice of vehicular inter-networking (VANET). All submissions must describe original research, not published or currently under review for another workshop, conference, or journal. Areas of interest include, but are not limited to:

- **Wireless transmission:** physical layer, RF level technologies for ITS communications, radio resource management, media access control and QoS support in ITS, antenna technologies for ITS communications.
- **Integration:** embedded systems for ITS, system architectures, network architectures, cross-layer designs in ITS communications, real-time issues, sensors for ITS.
- **Networking:** vehicle-to-vehicle V2V communications, vehicle-to-infrastructure V2I communications, Vehicle-to-Person (V2P) communications, algorithms and protocols for ITS, Internet access.
- **Simulation/emulation:** models of traffic, scenarios and models of simulations for the road, emulation tools for ITS.
- **Experimentations:** experimental platforms and testbeds for ITS, demonstrations, projects reviews, work-in-progress reports.
- **Security:** authentication issues, PKI, distributed key management in VANET, confidence in VANET.
- **Applications:** business models, active safety applications, passenger-oriented applications, new services for VANET, Advanced and Distributed Driver Assistance Systems, impact on road safety.

Instructions for paper submission :

Authors are encouraged to submit original contributions (maximum 6 pages, IEEE two-column conference style) in English and in a PDF format. Paper submissions for the workshop should follow the submission guidelines for regular IEEE papers, and be submitted electronically before submission deadline, through JEMS (Journal and Event Management System). Instructions and guidelines are available in GIIS 2011 Web site (<http://www.giis2011.org>).

Submitted papers will undergo a peer review process and accepted papers will be published in the special section of the GIIS 2011 conference proceedings and in **IEEE Xplore**.

For all questions about the workshop, please contact the Workshop Chairs.

Important dates :

Paper submission: ~~May 30, 2011~~ **June 15, 2011**
 Author notification: **June 25, 2011**
 Camera-ready due: **July 1, 2011**

