



UBIROADS' 2009



GIIS 2009

Call for Papers

<http://www.ieee-giis.org/ubiroads2009/>



The 2nd IEEE International Workshop on ITS for Ubiquitous Roads (UBIROADS)

June 26, 2009; Hammamet, Tunisia

co-located with IEEE GIIS 2009 (<http://www.ieee-giis.org/>)

Workshop Chairs:

Djamel KHADRAOUI, CRP-HT, Luxembourg

Timo SUKUVAARA, FMI, Finland

TPC:

Sidi-Mohammed	SENOUCI
Nadjib	ACHIR
Hossam	AFIFI
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Raouf	BOUTABA
Andrea	CONTI
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Salem	OSMAN

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. With the advances in wireless communications technology and positioning systems many applications could become a reality.

ITS topics are attracting more and more academic and industrial players. The goal of UBIROADS'2009 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.

This one-day workshop intends to bring together researchers and professionals to discuss and address recent developments and challenges in ITS topics allowing a ubiquitous environment on our roads. The workshop intends to address all the topics related to ITS: from distributed applications to lower communication layers, business models, standardization initiatives, and realistic deployment strategies and use cases. 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 and VANET, 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.

Submission Instructions:

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, via JEMS under the GIIS 2009 symposium web site. Instructions and guidelines are available in GIIS 2009 Web site (<http://www.ieee-giis.org/>).

Submitted papers will undergo a peer review process and accepted papers will be published in the special section of the IEEE GIIS 2009 conference proceedings and in IEEE Xplore.

For all questions about the workshop, please contact the Workshop Chairs : (djamel.khadraoui@tudor.lu).

Important Dates:

Paper Submission deadline: **May 17, 2009**
 Author Notification: **May 31, 2009**
 Camera-Ready Due: **June 7, 2009**



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