

**Call for Papers**  
**Vehicular Communications Symposium**  
in  
*The 9<sup>th</sup> International Wireless Communications & Mobile Computing Conference*  
*(IWCMC 2013)*

<http://iwcmc.org/2013/>  
<http://edas.info/newPaper.php?c=13371>

Cagliari, Sardinia, Italy, July 1-5, 2013

**Symposium Chair:**

Sherman Shen (University of Waterloo, Canada, xshen@bbcr.uwaterloo.ca)

**Symposium Co-chairs:**

Hai Jiang (University of Alberta, Canada, hai.jiang@ece.ualberta.ca)

Ping Wang (Nanyang Technological University, Singapore, wangping@ntu.edu.sg)

Dongmei Zhao (McMaster University, Canada, dzhao@mail.ece.mcmaster.ca)

**Scope:**

Recent advances in vehicular communications and computing technologies have enabled various types of vehicular communications and networks, intra-vehicle, vehicle-to-infrastructure (V2I), vehicle-to-roadside (V2R), and vehicle-to-vehicle (V2V) or mobile-to-mobile (M2M) communications. This results in a plethora of new applications for improving traffic safety, protecting environment by reducing traffic congestion and fuel consumption, and providing mobile infotainment services. There has been a strong interest in developing various techniques and important applications in vehicular communications, which are envisioned to revolutionize the driving experiences and traffic control systems. The objective of this symposium is to bring together researchers and engineers from both academia and industry worldwide to present cutting-edge research achievements covering all aspects of vehicular communication technologies regarding research, developments, standardization, and applications of current and future vehicular communications and networks. Prospective authors are invited to submit original contributions on all aspects in vehicular communications and networks, including, but not limited to the following topics of interest.

- Antenna technologies
- Physical layer designs
- Channel measurement and modelling
- Coverage control and analysis
- Network architecture
- Mobility management and topology control
- Mobility and vehicle traffic models
- Intelligent transportation systems
- Vehicular sensor networks

- Vehicular social networks
- Interoperability and Gateways to Internet or 3G networks
- Medium access control
- Radio resource management and QoS support
- Data management and processing
- Cooperative vehicular communications
- Intra-vehicle, V2I, V2R, and V2V communication protocols
- Teletraffic congestion control, multicast, mobility management, etc.
- Cross-layer design and optimization for vehicular communication networks
- Security and privacy technologies
- Transportation safety and non-safety applications and services
- Road traffic monitoring and control
- Vehicle tracking
- Simulation framework and performance evaluation techniques
- Real-time experimental systems and testbeds for vehicular communications
- Standardization activity
- Green vehicular communications

#### **Submission Guidelines:**

Prospective authors are invited to submit original technical papers—up to 6 pages of length, using the EDAS link <http://edas.info/newPaper.php?c=13371> for possible publication in the IWCMC 2012 Conference Proceedings, which will be included in IEEE Xplorer. Selected papers will be further considered for possible publication in three special issues in the following Journals:

1. Wiley Journal of Wireless Communications and Mobile Computing (WCMC)  
<http://www3.interscience.wiley.com/journal/76507157/home>
2. The International Journal of Sensor Networks (IJSNet)  
<http://www.inderscience.com/browse/index.php?journalCODE=ijsnet>
3. The International Journal of Autonomous and Adaptive Communications Systems (IAACS): [www.inderscience.com/ijaacs](http://www.inderscience.com/ijaacs)
4. KSII Transactions on Internet and Information Systems: [www.itiis.org](http://www.itiis.org)
5. Peer-to-Peer Net. & Applications, A Springer Journal  
<http://www.springer.com/engineering/signals/journal/12083>

**Note:** There will be best paper award, best Symposium award and best Workshop award.

#### **Important Dates:**

Submission: December 15, 2013

Acceptance notification: March 15, 2013

Camera-ready paper submissions: April 1, 2013

Registration deadline for authors: April 1, 2013

#### **TPC Members:**

Abdelmalik Bachir, Imperial College London, UK

André-Luc Beylot, IRIT Toulouse, France  
Igor Bisio, University of Genoa, Italy  
Lin Cai, Princeton University, USA  
Periklis Chatzimisios, Alexander TEI of Thessaloniki, Greece  
Rong Chai, Chongqing University of Posts and Telecommunications, China  
Cherita Corbett, Johns Hopkins University, USA  
Tomaso De Cola, German Aerospace Center, Germany  
Luca Delgrossi, Mercedes-Benz Research and Development North America, USA  
Stefan Dietzel, University of Twente, Netherland  
Gianluigi Ferrari, University of Parma, Italy  
Fethi Filali, QMIC, Qatar  
Thierry Gayraud, Toulouse University of Science, LAAS-CNRS, France  
Kun-chan Lan, National Cheng Kung University, Taiwan  
Qilian Liang, University of Texas at Arlington, USA  
Antonella Molinaro, University "Mediterranea" of Reggio Calabria, Italy  
Dusit Niyato, Nanyang Technological University, Singapore  
Ravi Prakash, University of Texas at Dallas, USA  
Gianluca Reali, University of Perugia, Italy  
Björn Scheuermann, University of Würzburg, Germany  
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Wei Song, University of New Brunswick, Canada  
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