**Call for Papers**

**Vehicular Communications Symposium**

in

*The 10<sup>th</sup> International Wireless Communications & Mobile Computing Conference*

IWCMC 2014 Website: http://iwcmc.org/2014/
SUBMNISSION LINK: https://edas.info/newPaper.php?c=14357
Hilton Nicosia, Cyprus, August 4-8, 2014

*Technically sponsored by IEEE, IEEE Cyrus Section*
*Local sponsor: Frederick University, Cyprus*

**Symposium Chair:**
Sherman Shen (University of Waterloo, Canada, xshen@bbcr.uwaterloo.ca)

**Symposium Co-chairs:**
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**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.

Accepted papers will be published in the IEEE IWCMC 2014 proceedings and will be included in the IEEE digital library (IEEE Xplore).

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 https://edas.info/newPaper.php?c=14357 for possible publication in the IWCMC 2014 Conference Proceedings, which will be included in the IEEE Xplore. Selected papers will further be considered for possible publication in three special issues in the following Journals. For more information, please visit: http://iwcmc.org/2014

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 (IJAACS): www.inderscience.com/ijaacs

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

**Important Dates:**
Submission:                                    December 15, 2013
Acceptance notification:                 March 15, 2014
Camera-ready paper submissions:     April 15, 2014

Registration deadline for authors:     April 15, 2014

**TPC Members**: to be added.