

Call for Papers
Vehicular Communications Symposium
The 11th International Wireless Communications & Mobile Computing
IWCMC 2015

Dubrovnik, Croatia, August 24-27, 2015
IWCMC 2015 Website: <http://iwcmc.org/2015/>
Submission Link: <https://edas.info/newPaper.php?c=17297>

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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.

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 modeling
- Coverage control and analysis

- Network architecture
- Mobility management and topology control
- Mobility and vehicle traffic models
- Medium access control
- Radio resource management and QoS support
- Data management and processing
- Vehicle tracking
- Cooperative vehicular communications
- Network management for automotive networking
- Security and privacy technologies for automotive networking
- Transportation safety and non-safety applications and services
- Road traffic monitoring and control
- Simulation framework and performance evaluation techniques
- Real-time experimental systems and testbeds for 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
- Vehicle ad hoc networks
- Vehicular sensor networks
- Vehicular social networks
- Intelligent transportation systems
- Interoperability and gateways to Internet or 4G networks
- Green vehicular communications
- Mobile cloud computing and cloud-assisted vehicle communications
- Information systems and applications for intelligent transportation systems
- Standardization activity

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=17297> for possible publication in the IWCMC 2015 Conference Proceedings. All accepted and presented papers will appear in the IEEE Xplore. Selected papers will further be considered for possible publication in five special issues in the following Journals. For more information, please visit: <http://iwcmc.org/2015>

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): <http://www.inderscience.com/ijaacs>
4. KSII Transactions on Internet and Information Systems: <http://www.itiis.org>
5. Peer-to-Peer Networking & Applications: <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:	January 15, 2015
Acceptance notification:	April 15, 2015
Camera-ready paper submissions:	May 10, 2015
Registration deadline for authors:	May 10, 2015

TPC Members: TBD