

Call for Papers
Vehicular Communications Symposium
*The 17th International Wireless Communications & Mobile Computing
Conference (IWCMC 2021)*

Harbin, China, June 28 - July 2, 2021
IWCMC 2021 Website: <https://iwcmc.org/2021/>

Submission Link: <https://edas.info/newPaper.php?c=27588>

Symposium Chair:

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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. As vehicles are required to be more intelligently connected, there has been a strong interest in developing various techniques and important applications in vehicular communications and networks, which are envisioned to revolutionize the driving and travel 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 and networking technologies regarding research, developments, standardization, and applications of current and future vehicular communications and networks.

Topics:

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
- Channel measurement and modeling
- Coverage control and analysis
- Network architecture and management
- Mobility models and topology control
- Mobility management and vehicle tracking
- Intra-vehicle, V2I, V2R, and V2V communication protocols

- Medium access control
- Radio resource management and quality-of-service (QoS) support
- Cross-layer design and optimization
- Cooperative vehicular communications
- Green vehicular communications
- Software defined vehicular networks
- Vehicular information centric networks
- Data management and processing
- Security and privacy technologies for automotive networking
- Transportation safety applications and services
- Road traffic monitoring and control
- Teletraffic congestion control, multicast, mobility management, etc.
- Intelligent transportation systems
- Railway communications
- Interoperability and gateways to the Internet or 5G/6G networks
- Internet of Vehicles and Internet of Mobile Things
- Vehicular cloud and cloud-assisted vehicle communications
- Simulation framework and performance evaluation techniques
- Real-time experimental systems and testbeds for vehicular communications
- Standardization activity
- Unmanned aerial vehicle (UAV) communications

Important Dates:

Paper Submission:	January 10, 2021
Acceptance notification:	March 30, 2021
Camera-ready paper submissions:	April 30, 2021

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=27588>, and select “IWCMC 2021 Vehicular Comm” for possible publication in the IWCMC 2021 Conference Proceedings, which will be submitted in the IEEE Digital Library-Xplore. Selected papers will be further considered for possible publication in five special issues in the following Journals. For more information, visit: <http://iwcmc.org/2021/>

- Wiley Journal of Wireless Communications and Mobile Computing (WCMC)
- The International Journal of Sensor Networks (IJSNet)
- The International Journal of Autonomous and Adaptive Communications Systems (IJAACS)
- KSII Transactions on Internet and Information Systems
- Peer-to-Peer Networking & Applications