

Vehicular Network Applications: From Physical Layer to Clouds

IEEE ITSC 2015 workshops, Spain

VNA webpage: <http://educ.jmu.edu/~eltawass/VNA15>

Call For Submission

The workshop on Vehicular Networks Applications (VNA), is to discuss the issues concerning building applications on Vehicular Networks. Due to the recent decision by the U.S. National Highway Traffic Safety Administration (NHTSA) to move forward with vehicle-to-vehicle (V2V) communications technology for light vehicles, vehicular ad-hoc networks (VANET) applications will receive more attention. Further, the new communications capability to be required in vehicles will provide the potential for significantly more smart vehicles application development.

The workshop on Vehicular Networks Applications: From Physical to Cloud (VNA 2015) will bring together researchers on VANETs to present and discuss recent advances in the development of applications and related technologies. The workshop will cover all theoretical and practical aspects related to applications, modeling, simulation and testbeds.

Topics of interest

The workshop will cover VANET applications and related topics, including but not limited to:

- Algorithms and protocols supporting application in VANETs
- Traffic safety and efficiency applications
- Telematics applications
- Electric and hybrid vehicle applications
- City traffic applications
- Highways applications
- Environmental applications in VANETs
- Security and privacy issues of VANETs applications
- Communications protocol design
- Vehicle-to-vehicle/infrastructure communication
- Vehicular clouds
- Cross-layer design for VANET applications
- Experiences/lessons from recent testbed deployments and measurements

Panel Discussion: Vehicular Networks Applications

Panel Chair: Stephan Olariu (Old Dominion University, USA)

Important Dates

Paper submission: May 15th, 2015

Author notification: June 15th, 2015

Camera-ready version: July 1st, 2015

Workshop Chairs

Samy El-Tawab (James Madison University, USA)

Mona Rizvi (Nazarbayev University, Kazakhstan)

Important: Workshop papers intended for inclusion in the ITSC2015 proceedings that'll be available via the IEEE Xplore Digital Library have to: i- be submitted before May 15, 2015; ii- undergo the formal review process, as regular and special session papers do, and be accepted; and iii- be finally submitted in [requested format](#) before July 01, 2015. Workshop papers submitted solely for presentation, without publication concern, may not have to follow the above procedure subject to decision of workshop organizer. Detailed formatting guidelines and access to the submission portal can be found in the [Submission page](#).