

## 2nd International Workshop on Vehicular Communications and Applications VCA 2013



In conjunction with ICNP'13  
October 7-11, Göttingen, Germany



### Important Dates:

Paper submission deadline: **July 5th, 2013 (extended)**

Notification of acceptance: **August 2nd, 2013**

Camera-ready version: **August 16th, 2013**

Workshop date: **October 7th, 2013** (To be confirmed)

In conjunction with 21st International IEEE Conference on Network Protocols (ICNP'13), October 7-11, Goettingen, Germany

For more information visit: <http://secan-lab.uni.lu/vca2013/>

### Call For Papers:

The goal of this workshop is to give an interdisciplinary overview on recent advances in the area of vehicular inter-networking technologies and related applications. Over the last few years, significant efforts are being carried out by industry, academia and government agencies to improve driving safety, increase vehicle traffic efficiency and decrease fuel consumption by exploiting vehicular communications and networking technologies. These technologies, which are generally referred to as VANET (Vehicular Ad Hoc Networks), include Vehicle-to-Infrastructure (V2I), Vehicle-to-Vehicle (V2V) communications and can be based on short- and medium-range communication as well as on cellular systems. This workshop will include and solicit contributions addressing technical and research issues, development projects, standardization activities, and field trials on VANET technologies and applications. The objective is to disseminate state-of-the-art results in this highly active research area, to highlight interdisciplinary challenges in the development of Intelligent Transport Systems (ITS), to share lessons learned from field trial experiences and to bring together people from both academia and industry, with the goal of facilitating interaction among them to promote further research activities and conduct joint research on services such as; advanced traffic management, safety control, comfort applications and networking and information services for users on the road. Scope of Contributions: Authors are invited to submit papers presenting new research results related to the theory or practice of vehicular communications and applications. All submissions must be original contributions not published or currently under review for another workshop, conference, or journal. Topics of interest include, but are not limited to:

- Communication protocol design and network management
- Channel modeling, modulation and coding
- Congestion control and scalability issues
- Medium access control protocols
- Multi-channel organization and operation
- Traffic management and flow optimization techniques
- Vehicle or traffic-related smartphone apps
- Safety and non-safety applications
- Vehicle-to-vehicle/roadside/Internet communication
- Simulation frameworks
- Security issues and countermeasures, and privacy issues
- Telematics applications
- Electric vehicle applications
- Networking to reduce energy consumption
- Wireless in-car networks
- Systems that reduce driver distraction
- Real-world testbeds

### Paper Submission:

Authors are invited to submit full papers written in English, with a maximum paper length of six (6) printed pages, including figures, tables & references in IEEE double-column format. Submissions must present original work that has not been previously published, and is not under review elsewhere. All articles will be reviewed for scientific quality by the Technical Program Committee and external reviewers. Papers must be submitted electronically, in PDF format, on-line via the EDAS system (<http://edas.info/N14851>). Accepted papers will be published in the conference proceedings and will appear in IEEEExplore. The IEEE reserves the right to exclude a paper from distribution after the conference (e.g., removal from IEEE Xplore) if the paper is not presented at the conference, or if the paper proves to be a copy from others (non-original work), or it is substantially close to other work presented elsewhere by the same author(s).

### Organizing Chairs:

Thomas Engel (University of Luxembourg, Luxembourg), Raphael Frank (University of Luxembourg, Luxembourg), Mario Gerla (UCLA, US), Giovanni Pau (UCLA, US)

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