

Call for Papers
IEEE Transactions on Vehicular Technology
Special Section on Vehicular Social Networks

Scope

Vehicular communication systems and intelligent transportation systems are becoming increasingly important, as various supporting technologies mature. However, deployment of the enabling technologies is not straightforward, but highly dependent on the potential to avail related services attractive to users.

Social networking, especially mobile social networking, is being adopted with an increasing rate, mainly based on many off-the-shelf equipment and devices. Vehicular communication systems will open up many services that are user-oriented, beyond on-road safety. In particular, online and/or mobile social networking can be relevant and helpful, for vehicle traffic efficiency and for infotainment. Thus, it is expected that vehicular social networks will be an area to grow in terms of interest, deployment, and applications.

In this special section of the IEEE Transactions on Vehicular Technology, we solicit paper submissions of original works addressing fundamentals, supporting technologies, and technical issues arising from the convergence of vehicular communication systems and social networking. The topics include but are not limited to:

Topic of Interests

- Cooperative communications in vehicular social networks
- QoS support in vehicular social networks
- Data fusion and aggregation in vehicular social networks
- Resource management in vehicular social networks
- Cognitive radio approaches in vehicular social networks
- Vehicular social networks based on vehicle-to-vehicle/roadside/Internet communications
- Computational models for social media in vehicular social networks
- Incentives and other economic aspects of vehicular social networks
- Acquisition/establishment of social relations in vehicular social networks
- Gaming in vehicular social networks
- Road traffic management using vehicular social networks
- Safety and non-safety applications in vehicular social networks
- Security/privacy issues in vehicular social networks

Submission Instructions

Authors should follow the IEEE TVT manuscript format and submission procedure, which can be found at the IEEE TVT home page <http://transactions.vtsociety.org/> under Information for Authors. Prospective authors should submit a PDF version of their complete manuscript via the journal online paper submission system at <http://mc.manuscriptcentral.com/tvt-ieee>

Important Dates (tentative)

Manuscript Due:	May 1, 2013
First Editorial Decision:	July 15, 2013
Revised Manuscript Due:	September 1, 2013
Final Editorial Decision:	October 15, 2013
Final Manuscripts Due:	November 1, 2013
Publication:	First quarter, 2014

Guest Editors

Jing Deng (jing.deng@uncg.edu, University of North Carolina at Greensboro)

Yunghsiang S. Han (yshan@mail.ntust.edu.tw, National Taiwan University of Science and Technology)

Liviu Iftode (iftode@cs.rutgers.edu, Rutgers University)

Panagiotis Papadimitratos (papadim@kth.se, Royal University of Technology, KTH)