Call for Papers

5th GI/ITG KuVS Fachgespräch Inter-Vehicle Communication

April 6th – 7th 2017, Erlangen, Germany

Motivation

Inter-vehicle communication (IVC), the management and control of network connections among vehicles as well as between vehicles and existing network infrastructure, is a maturing research field that is gaining a massive momentum. First standardization efforts across all layers, by both IEEE and ETSI, have already borne fruit, allowing researchers to gain valuable insights into both the strengths and the shortcomings of current approaches. The U.S. Department of Transportation decided to introduce IVC until 2020 using IEEE 802.11p, while in Europe the decision is not met yet. The investment of European automobile manufacturers and OEMs into this idea is not only expressed in successful efforts to reserve dedicated radio spectrum harmonized across Europe, but is also reflected in numerous research ventures in cooperation with academia. However, the gathered knowledge is still fragmented, making it hard for new players to get into the game and affording even experienced groups only a restricted view on this complex field.

The goal of this year's event is to give an interdisciplinary overview on recent research activities in the area of inter-vehicle communication (IVC) including results and work in progress. One guiding theme of this 5th GI/ITG KuVS Fachgespräch Inter-Vehicle Communication is, but not limited to "Connected Mobility". Moreover, contributions addressing standardization activities, field trials, and use-cases are very welcome. We invite young researchers and their experienced colleagues to discuss about technologies, methods, and innovative mobility applications.

Submission/Venue

This event will take place at the Engineering Faculty of the Friedrich-Alexander-Universität Erlangen-Nuremberg. Manuscripts of 2-4 pages, formatted according to IEEE conference layout, should be submitted as PDF documents by email (fgivc2017@i7.informatik.uni-erlangen.de). Accepted contributions will be published in a technical report (thus, the copyright will remain with the authors).

Detailed information is available online at http://fg-ivc.car2x.org and at the conference website http://www7.cs.fau.de/fgivc2017.

Important Dates

Submission until: March 3th, 2017
Notification of acceptance: March 10th, 2017
Registration until: March 17th, 2017
Event: April 6th-7th, 2017

Organizing Committee

Anatoli Djanatliev
Kai-Steffen Hielscher
Reinhard German
Christoph Sommer
David Eckhoff

For more information please visit the event website: http://www7.cs.fau.de/fgivc2017