**52. Meeting of VDE/ITG-Fachgruppe 5.2.4**

# IP and Mobility

**in cooperation with VDE/ITG-Fachgruppe 5.2.1 "System Architecture and Traffic Engineering"**
**on 15th of March 2018 in Herzogenrath/Aachen**
**hosted by Ericsson**

# Vehicular Communication

**Location:**   **Ericsson ICT Development Center Eurolab**
**Ericsson Allee 1**
**52134 Herzogenrath**
Information how to reach the locations are provided at the bottom

**March 15th**   **Open Workshop**

**Please register at the main entrance**

**11:30 – 12:30**   Possibility for lunch at our canteen (payed by Ericsson, please collect voucher at registration)

**12:30 – 13:00**   Welcome speech from Prof. Christian Wietfeld, Co-Chair of ITG Committee 5.2 "Communication networks and systems"

Welcome speech from Jan-Peter Meyer-Kahlen, Head of Ericsson ICT Development Center Eurolab

**13:00 – 14:45**   **Session 1 (25 min. for presentation & discussion)**

"Resource-Efficient Car-to-Cloud Communications for Vehicular Big Data Market Places – Results of the EU H2020-Project AUTOMAT"
(Johannes Pillmann, TU Dortmund)

"Belgian Vision for Connected Vehicles Towards 5G"
(Carlos Donato Morales, University of Antwerp, IMEC)

"The L3Pilot Project"
(Markus Kremer, FEV Europe GmbH)

"ConVeX Project -  Connected Vehicle (V2X) of Tomorrow"
(Matthias Schulist, Qualcomm)

**14:45 – 15:45**   **Coffee Break**

**15:45 – 18:00**   **Session 2 (25 min. for presentation & discussion)**

"Tutorial on IEEE 802.11p and LTE-V2X Sidelink"
(Maciej Muehleisen, Ericsson Research)

"Unwired Safety-Enabled Intra Vehicle Communication"
(Jasper Büsch, R3 Communications)

"Robust Communication for Networked Control Systems"
(Daniel Plöger, TU Hamburg)

"Design and Evaluation of Hybrid Communications Systems for Cooperative
Driving Based on Reinforcement Learning"
(Catalina Mejia, Fraunhofer ESK)

"Modeling and Stochastic Analysis of Distributed Control Problems to meet Hard
Real-time SLA Conditions"
(Prof. Paul Kuehn, University of Stuttgart)

**19:30** **Self-paid dinner in city center:** Frascati im Bärenhof; Templergraben 1; 52062
Aachen

**Hotels:** Following hotels offer special Ericsson rate (hotel decides availability, we cannot
influence this). Please book by phone and ask for Ericsson rate:

- Mercure: [Link]
- Best Western: [Link]

**Directions:** Ericsson is located in the suburb "Herzogenrath/Kohlscheid". It can be easily (~10
min.) reached by local train (station "**Kohlscheid**"), so all hotels near the main
station (Hauptbahnhof) are convenient.

Sufficient parking spots are available. Just ring the bell at the gate for admission
and park at any free spot, except for the ones marked as reserved.

For further questions please do not hesitate to
contact the workshop organizers:

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