

29. Treffen der VDE/ITG-Fachgruppe 5.2.4
Mobilität in IP-basierten Netzen

Scheduling and Radio Resource Management

**am 12. Februar (Open Workshop) und 13. Februar 2009 in
Aachen**

Location: Lehrstuhl für Kommunikationsnetze (ComNets)
RWTH Aachen
Kopernikusstr. 5, Seminarraum Erdgeschoss
52074 Aachen

February 12th – Open Workshop

- | | |
|----------------------|---|
| 12:00 – 12:15 | Welcome |
| 12:15 – 12:30 | Opening

Welcome speech by the speaker of the working group
(Dr. Klaus Kohrt, ITG FG5.2.4)

Welcome speech by the workshop host
(Prof. Dr.-Ing. Bernhard Walke, ComNets RWTH Aachen) |
| 12:30 – 13:50 | Session 1 – Current Projects and Trends

“Curl-free Scheduling Fields: A Fundamental Characterization of Stability
in Wireless Networks”
(Dr.-Ing. habil. Gerhard Wunder / Fraunhofer German-Sino Lab for
Mobile Communications MCI)

“Admission Control in OFDMA Cells“
(Prof. Dr.-Ing. James Gross / UMIC RWTH Aachen)

“Adaptive Point-to-Multipoint Transmission”
(Mai-Anh Phan / Ericsson Eurolab) |
| 13:50 – 14:20 | Lunch Break |
| 14:20 – 15:40 | Session 2 – Scheduling I

“HSDPA–Scheduler – Support of QoS”
(Jens Mueckenheim / Nash Technologies GmbH)

“Performance of QoS- and Channel-Aware Packet Scheduling
for LTE Downlink“
(Michael Schmidt / Alcatel-Lucent)

“Performance Evaluation of Separate and Combined
Application of Frequency-Selective Scheduling and
Interference Coordination”
(Thomas Werthmann / IKR Stuttgart) |
| 15:40 – 15:55 | Coffee Break |

- 15:55 – 17:30** **Session 3 – Scheduling II**
- “QoE Based Resource Management in Wireless Networks”
(Dirk Staehle / Universität Würzburg)
- “Cross-Layer Based Scheduling of Channel Access in Wireless LANs Based on OFDMA and SDMA”
(Andreas Könsgen / ComNets Bremen)
- “Closed Loop Control Scheduling in Multihop Cellular Networks”
(Dr. Rainer Schoenen / ComNets RWTH Aachen)
- “Open Loop versus Closed Loop Performance in LTE”
(Lutz Schönerstedt / Alcatel-Lucent)
- 17:30 – 17:45** **Coffee Break**
- 17:45 – 18:30** **Session 4 – Coexistence and Cooperative Radio**
- “Spectrum Sharing through Regular Channel Access”
(Mohammad Siddique / ComNets Bremen)
- “Resource Allocation in Cooperative Relaying Systems”
(Nikolaj Marchenko / Mobile Systems Group Klagenfurt)
- 18:30 – 19:00** **Final Discussion**
- from 20:30** **Social Event**

February 13th – Work Group Meeting

- 9:00 – 12:00** **Meeting of the ITG Working Group 5.2.4 “Mobility in IP-based Networks”**

For a list of hotels and travel direction please refer to our web page:
<http://www.comnets.rwth-aachen.de/~mue/>

For further questions please do not hesitate to contact the workshop organizer:
Maciej Mühleisen (mue@comnets.rwth-aachen.de)