

IP and Mobility

Fachgruppe - Expert Group

Scope

- architectures, protocols and mechanisms of current and future IP-based mobile communication networks.

Mode of operation

- Regular workshops (3-4 per year): presentations and discussions on selected topics
- Results (slides etc.) are available on the homepage

<http://www.ikr.uni-stuttgart.de/Content/itg/fg524/index.html>

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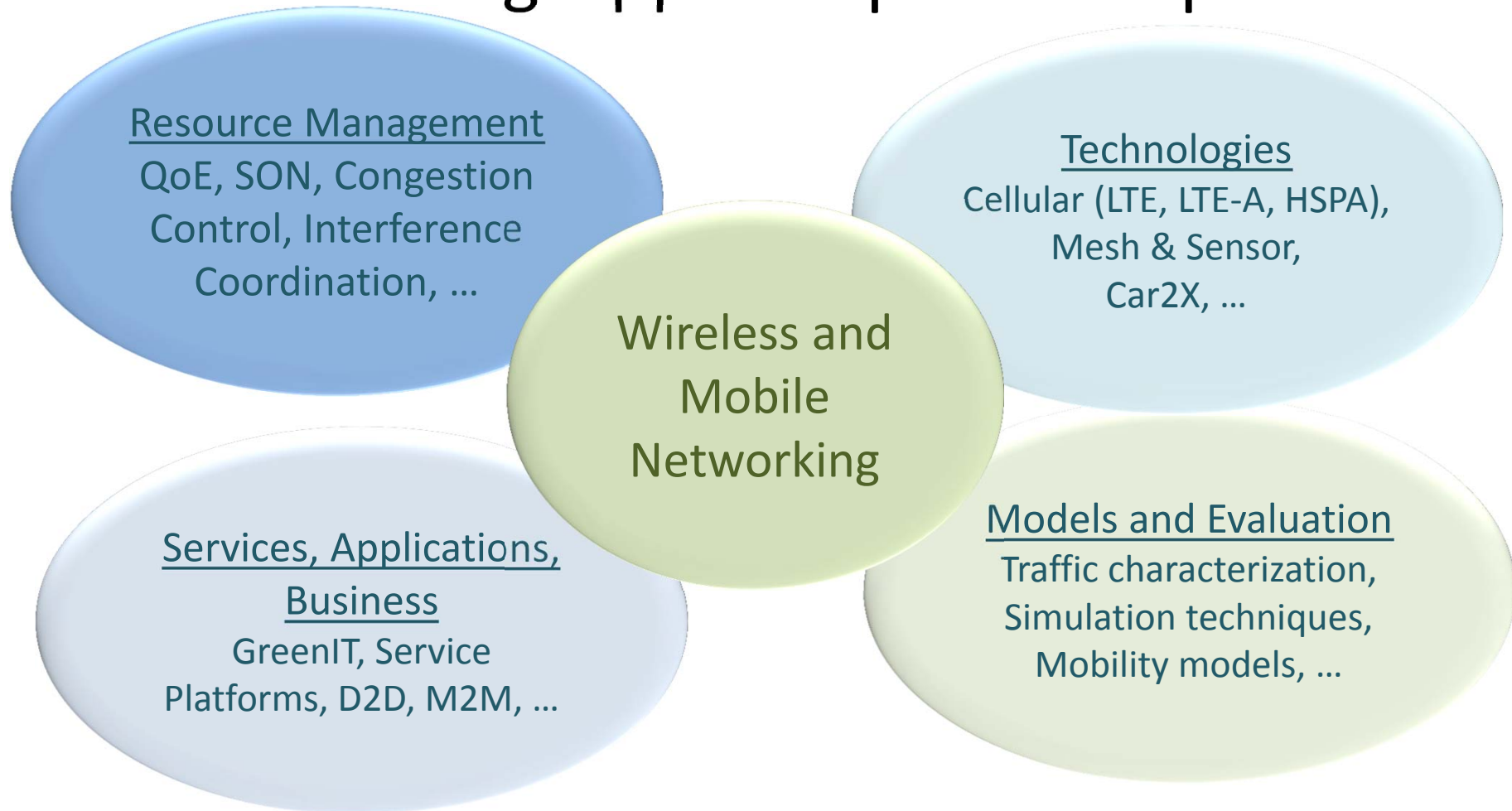
Topics include

- Cellular Networks, Wireless LAN, Ad Hoc Networking
- Wireless Sensor Networks and M2M
- Next Generation Mobile Networks (D2D, COMP, Network MIMO,...)
- Core and Access Networks for wireless and FMC
- Mobile Service Platforms
- QoS and QoE in wireless networks
- Advanced mobile applications: eMobility, Car-to-Car,...
- Mobility Management
- Mobile Traffic Engineering and Traffic Management
- Mobile network planning and optimization
- Techno economic aspects

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Membership

- Workshops are open to the public
(subscribe to mailing list for announcements – see webpage)
- Experts interested in shaping the work actively are always welcome
just ask us (Fachgruppensprecher)!



Prof. Dr. Wolfgang Kellerer
Technische Universität München



Dr. Dirk Staehle
DOCOMO Euro-Labs

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Recent workshops

- [42. Treffen](#) „*Competitive Service Delivery Infrastructures*„ (mit KuVS NGSDP)
17. April 2013, Vodafone Zentrum Hirschburg, Königswinter
- [41. Treffen](#) "*Green IT in Wireless Access Networks*"
29. November 2012, Telekom Innovation Laboratories, Berlin
- [40. Treffen](#) "*(Mobile) CDNs and ICN*" 27. Sept. 2012, Univ. Wien
- [39. Treffen](#) "*Quality of Experience and Robustness in fixed and mobile Communication Networks*" 3. Mai 2012, TU Chemnitz, Chemnitz
- [38. Treffen](#) "*Mobile Traffic Management*"
13. März 2012, DOCOMO Euro-Labs, München

Plan

- September 2013: Zukunft der Netze Tagung in Osnabrück
- Nov/Dec 2013: Mobile Network (Function) Virtualization and Software Defined Networking, in München (TUM)

VDE ITG 5.2.4

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VDE German Electrical Engineering Society



- **Information Technology (ITG)**
- **Energy (ETG)**
- **Medical (DGBMT)**
- **Micro Electronics (GMM)**
- **Automation (GMA)**



Fachbereich 1: Informationsgesellschaft und Fokusprojekte

Fachbereich 2: Dienste und Anwendungen

Fachbereich 3: Medientechnologie

Fachbereich 4: Audiokommunikation

Fachbereich 5: Kommunikationstechnik

Fachbereich 6: Technische Informatik

Fachbereich 7: Hochfrequenztechnik

Fachbereich 8: Mikro- und Nanoelektronik

Fachbereich 9: Übergreifende Gebiete

Fachausschuss 5.1 Informations- und Systemtheorie

FA 5.2 Kommunikationsnetze und -systeme

FA 5.3 Optische Nachrichtentechnik

FA 5.4 Kommunikationskabelnetze

FA 5.5 Schutz- und Automatisierungstechnik

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