

33. Treffen der VDE/ITG-Fachgruppe 5.2.4
Mobilität in IP-basierten Netzen
am 8. Juli (Open Workshop) und 9. Juli 2010 in Heidelberg

Call for Contributions

Within its series of round tables, the VDE/ITG Section 5.2.4 "Mobility in IP-based Networks" will organize a one day workshop on the topic

IMT-Advanced – What to expect and when?

The workshop will take place at NEC-Laboratories Europe in Heidelberg on July 8th, 2010. We solicit:

- Technical overview presentations
- Presentations of results of ongoing research
- Project presentations
- Visionary (possibly provocative) presentations

2010 is the year that ITU has targeted for designating selected technologies for IMT-Advanced, the global 4G mobile broadband wireless system that is intended to significantly advance the set of IMT-2000, 3G technologies that are widely deployed today. Different candidate technologies, based on 3GPP LTE-Advanced and IEEE 802.16m for example, have been proposed to ITU, promising higher data rates, better support for mobility and roaming, which will enable new architectures and mobile applications. Some of the key features of IMT-Advanced will be

- Worldwide functionality & roaming
- Compatibility of services
- Interworking with other radio access systems
- Enhanced peak data rates to support advanced services and applications (100 Mbit/s for high and 1 Gbit/s for low mobility)

The objective of this workshop is to create a forum for researchers, professionals and application developers both from industry and academia to discuss IMT-Advanced candidate technologies and their technical features in order to get a better understanding of the expected IMT-Advanced systems and their road to deployment. In addition to fundamental radio communication aspects, the workshop especially invites contributions on architecture (radio access and core network as well as system architectures).

Topics of particular interest include but are not limited to theoretical and practical work from the following fields:

- IMT-Advanced requirements and target features
- IMT-Advanced candidate technologies
- Deployment scenarios
- Advanced radio communication for IMT-Advanced
- Network architecture
- Business aspects
- Interworking with other radio systems
- Relay access networks
- Beyond IMT-Advanced

Please inform the workshop organisers about your planned contribution by May 28th, 2010. The number of contributions is limited and assigned on a first come first served basis. Participants should register by email by June. 18th, 2010. More details about the meeting will be available soon via the webpage below. For further questions, please do not hesitate to contact the workshop organizers:

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