41. Treffen der VDE/ITG-Fachgruppe 5.2.4

IP and Mobility

am 29. November 2012 in Berlin

Call for Contributions

Within its series of round tables, the VDE/ITG Section 5.2.4 "IP and Mobility" will organize a half day workshop on the topic

Green IT in Wireless Access Networks

The workshop will take place at T-Labs in Berlin on November 29th, 2012, in their office in Winterfeldtstraße 21, D-10781 Berlin. We solicit:

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

The importance of GreenIT is growing. Energy efficiency becomes an important business factor in communication and for the network service providers. Studies have shown that there is huge potential for energy savings in the access networks by for example shifting end-systems to other available access technologies or cells of the same technology.

The objective of this workshop is to bring stakeholders of this topic from telecom operators, manufacturers, and academia together to discuss the resulting challenges related to system optimization in wireless networks. Topics of particular interest include, but are not limited to:

- Use cases and challenges, new business models
- Architectures and protocols for energy efficient mobile networks
- Modeling and measurement of energy consumption
- Mechanisms for network offloading, base station cooperation, D2D communication
- Mechanisms for radio resource management & signal processing
- Cross-Layer Design principles
- Context awareness (location, time, events, etc.)
- Prediction mechanisms (knowledge, artificial intelligence, etc.)

Please inform the workshop organizers about your planned contribution by **Thursday, October 25th, 2012**. The number of contributions is limited and assigned on a first come first served basis. The workshop program will be published end of October 2012. Participants should register via email by **November 15, 2012.**

In the morning of Sept. 30, the ITG 5.2.4 group internal meeting will take place.

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

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