

### **23. Treffen der VDE/ITG-Fachgruppe 5.2.4**

#### **Mobilität in IP-basierten Netzen**

**am 21. Mai 2007 (open Workshop) und 22. Mai 2007 in Berlin**

\*\*\*\*\*

## **Call for Contributions:**

Within its series of round tables, the VDE/ITG Section 5.2.4 will organize a one day workshop on the topic:

### **Network Databases**

on May 21<sup>th</sup> at Nokia Siemens Networks GmbH & Co. KG in Berlin. Participation in this workshop is free of charge. There may be a demo of a live system (HLR).

We solicit:

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

Databases in mobile networks are currently gaining increasing interest and are undergoing changes. Their architecture influences near-future or future network concepts for wireline or wireless systems. These databases are affected by changes of the platform technology and storage philosophy. The paradigms of central versus distributed storage are competing, driven by considerations such as hardware costs, use of off-the-shelf standard components and reduction of operational costs, in the case of self-configuring systems. Additionally, standardization is pointing to logically unified databases; see the GSSM (General Service Subscription Management) work item of the OMA, or 3GPP's CPS (Central Profile Storage). Together with the increase both in subscriber profile size and total network subscriber numbers, this creates an interesting technical field for near-future network development.

Topics of interest for this workshop should be related to aspects of mobile network databases:

- What can count as a network database?
- Performance issues, scalability and reliability
- Network Database technologies
- Network elements that store data (HLR, HSS, LDAP, DNS + extensions)
- Distributed lookup and storage technologies (P2P, DHT, GRID, synchronization in legacy databases, modifications, alternative naming data bases ...)
- Business scenarios and regulatory models
- Standardization activities (OMA "GSSM", 3GPP "CPS")

Please inform the workshop organizers about your planned contribution by April 25<sup>th</sup> 2007. The workshop places are limited and assigned on a first come first serve basis. Participants should register with an email by May 15<sup>th</sup> 2007. More details about the ITG/VDE meeting will be available soon via our webpage. For further questions please do not hesitate to contact the workshop organizers:

Frank-Uwe Andersen ([Frank-Uwe.Andersen@nsn.com](mailto:Frank-Uwe.Andersen@nsn.com))  
Mathias Schweigel ([mathias.schweigel@detecon.com](mailto:mathias.schweigel@detecon.com))  
<http://www.ikr.uni-stuttgart.de/Content/itg/fg524/>