

40. Treffen der VDE/ITG-Fachgruppe 5.2.4

Mobilität in IP-basierten Netzen

zusammen mit der Fachgruppe 5.2.1

Systemarchitektur und Traffic Engineering

am 27. September 2012 in Wien

im Rahmen der ITG Konferenz „Zukunft der Netze“ am 28. September 2012

Call for Contributions

Within its series of round tables, the VDE/ITG Section 5.2.4 “Mobility in IP-based Networks” together with the Section 5.2.1 “System Architecture and Traffic Engineering” will organize a half day workshop on the topic

(Mobile) Content Delivery Networks (CDNs) and Information Centric Networks (ICNs)

The workshop will take place at Universität Wien on September 27th, 2012. We solicit:

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

Content Delivery Networks (CDN) are one solution to handle multimedia Internet traffic. So far CDNs are realized as over the top overlays to existing networks. The growing traffic demand, in particular for mobile networks, demands for new, more network-centric solutions such as CDN integration to (mobile) network components or new Information-Centric Networking (ICN) paradigms.

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 ICN (such as CCN and NetInf) and CDN
- Traffic engineering and planning
- Performance measurements and analysis
- Operational aspects: caching and replication strategies, platform virtualization
- Standardization activities
- Mobile network specific CDNs
- Coordination with underlying transport network
- Content Delivery Networks vs. Networked Cloud Computing

Please inform the workshop organizers about your planned contribution by **Thursday, July 26th, 2012**. The number of contributions is limited and assigned on a first come first served basis. The workshop program will be published end of August 2012. Participants should register via email by **September 12, 2012**.

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

Dirk Staehle (staehle@docomolab-euro.com)
Wolfgang Kellerer (wolfgang.kellerer@tum.de)
Klaus-Dieter Kohrt (klaus-d.kohrt@t-online.de)
www.ikr.uni-stuttgart.de/Content/itg/fg524/

Thomas Bauschert (thomas.bauschert@etit.tu-chemnitz.de)
Andreas Timm-Giel (timm-giel@tuhh.de)
www.tu-harburg.de/itg521/startseite.html