

**Call for Participation
5th GI/ITG KuVS Workshop on**

„Future Internet“

9 June 2010 in Stuttgart, Germany
hosted by Alcatel-Lucent, Bell Labs

Overview

The Future Internet continues to gather momentum in the scientific and industrial community. The topic “Future Internet” is widely attracting attention. Triggered by FIND/GENI activities of the NSF both the EU in the 7th Framework as well as the BMBF in its IT strategy for 2020 have addressed this topic. Still, discussions mainly take place in the research environment and have to get carried into the industry. The workshop topic covers a wide area. Topics range from the incremental improvement of today's Internet to a complete fresh start (clean slate approach).

Aim of this GI/ITG KuVS (Kommunikation und Verteilte Systeme) workshop on Future Internet is to give scientists the opportunity to present their work and ideas in this area and strengthen cooperation.

Important Dates

Registration Deadline: 4 June 2010
Workshop: 9 June 2010

Organization

Klaus Wünnel, Alcatel-Lucent Bell Labs
Paul Müller, TU Kaiserslautern

Program Committee

Torsten Braun, University of Bern
Jörg Eberspächer, TU München
Georg Carle, University of Tübingen
Paul Müller, TU Kaiserslautern
Ralf Steinmetz, TU Darmstadt
Burkhard Stiller, University of Zürich
Heiner Stüttgen, NEC Heidelberg
Phuoc Tran-Gia, University of Würzburg
Klaus Wünnel, Alcatel-Lucent Bell Labs
Lars Wolf, TU Braunschweig
Martina Zitterbart, Karlsruhe Institute of Technology

For current information concerning the workshop and the topic “Future Internet” please consult:
<http://www.future-internet.org/>

Subsequently the presentations will be available on this website.

Agenda

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|-------------|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| 10.00-10.15 | Adress of Welcome & General Survey | Klaus Wünnstel, Rainer Fechner (Head of Bell Labs Germany) Paul Müller | Alcatel-Lucent Bell Labs TU Kaiserslautern |
| 10.15-11.15 | Cognitive Multi-Radio Mesh Networks for the Future Wireless Internet | Wooseong Kim, Andreas J. Kessler, Marco Di Felice, Mario Gerla | University of California (USA) Karlstad University (Sweden) University of Bologna (Italy) |
| | DES-Testbed A Wireless Multi-Hop Network Testbed for future mobile networks | Mesut Günes, Oliver Hahm, Kaspar Schleiser | Free University of Berlin |
| 11.15-11.30 | Coffee Break & Opportunity for discussing the posters | | |
| 11.30-13.00 | An Approach for Transferring an End-to-End Transport Service into a Functional Building Block Structure | Thomas Dreibholz, Martin Becke, Erwin P. Rathgeb | University of Duisburg-Essen |
| | A Hierarchical Node Management System for Application-tailored Network Protocols and Architectures | Hans Wippel, Thomas Gamer, Denis Martin | Karlsruhe Institute of Technology |
| | Scenarios for a Future Internet based on Cross-Layer Functional Composition | Christian Henke, Carsten Schmoll, Tanja Zseby, Abbas Ali Siddiqui, Paul Müller, Thomas Magedanz, Erwin Rathgeb | TU Berlin, Fraunhofer FOKUS TU Kaiserslautern University of Duisburg-Essen |
| 13.00-13.45 | Lunch Break & Opportunity for discussing the posters | | |
| 13.45-14.45 | Federation Interoperability – Dealing With Heterogeneity | Sebastian Wahle, Thomas Magedanz, Konrad Campowsky | Fraunhofer FOKUS TU Berlin |
| | TPM-based Access Control for the Future Internet | Holger Kinkel, Heiko Niedermayer, Ralph Holz, Georg Carle | TU München |
| 14.45-15.00 | Coffee Break & Opportunity for discussing the posters | | |
| 15.00-16.30 | On-demand Bandwidth Scaling using Redundant Routers | David Dietrich | Leibnitz University Hannover |
| | Congestion-based Accounting with re-ECN | Mirja Kühlewind, Wolfram Lautenschläger, Michael Scharf | University of Stuttgart Alcatel-Lucent Bell Labs |
| | Self-organizing QoE and Bandwidth Control in P2P VoD Streaming | Simon Oechsner, Thomas Zinner, Tobias Hoßfeld | University of Würzburg |
| 16.30-17.00 | Closing Meeting | Paul Müller, Klaus Wünnstel | TU Kaiserslautern Alcatel-Lucent Bell Labs |