

Future Internet Architectures: New Trends in Service Architectures (2nd Euro-NF Workshop and Future Internet Cluster meeting)



9th June 2009, Santander, Co-located with ICT Mobile Summit 2009
<http://www.net.fim.uni-passau.de/future2009/>

Workshop Programme

8:15 **Registration starts**

8:45-9:00 **Welcome note from Paulo Desousa** (Project Manager, EC) (Chair: Karin A. Hummel)

9:00-10:30 **Session 1: Adaptive Networks (Chair: Claudio Casetti)**

Towards Quality of Experience-based Reputation Models for Future Web Service Provisioning.

Tomasz Ciszkowski, Wojciech Mazurczyk, Zbigniew Kotulski (Warsaw University of Technology, Poland), Tobias Hoßfeld (University of Wuerzburg, Germany), Markus Fiedler (Blekinge Institute of Technology, Sweden) and Denis Collange (Orange Labs, France)

ROMA: A Middleware Framework for Seamless Handover.

Adrian Popescu, David Erman, Karel De Vogeleer (Blekinge Institute of Technology, Sweden), Alexandru Popescu (BTH / University of Bradford, UK) and Markus Fiedler

Towards More Adaptive End-to-End Applications.

Jörg Ott (Helsinki University of Technology, Finland)

10:45-12:45 **Session 2: Context-Awareness and Architectures (Chair: Jörg Ott)**

Content Discovery in Mobile Networks Using the Publish-and-Subscribe Paradigm.

Francesco Malandrino, Claudio Casetti and Carla-Fabiana Chiasserini (Politecnico di Torino, Italy)

Illustrating a Publish-Subscribe Internet Architecture.

Nikos Fotiou, George Polyzos (AUEB, Greece) and Dirk Trossen (British Telekom, UK)

Context-based Wireless Mesh Networks: A Case for Network Virtualization.

Karin Anna Hummel, Andrea Hess (University of Vienna, Austria), Susana Sargento, Ricardo Matos (University of Aveiro, Portugal), Kurt Tutschku and Hermann de Meer (University of Passau, Germany)

A Socially Aware Caching Mechanism for Encounter Networks.

Bernhard Klein and Helmut Hlavacs (University of Vienna, Austria)

13:45-15:15 **Session 3: Wireless Integration and Frameworks (Chair: Klaus Hackarth)**

Integrating sensor networks into the future internet.

Simon Dobson (UCD, Ireland)

A Utility-based Framework for Joint Channel, Topology, and Routing Control in Wireless Mesh Networks.

Vasilios Siris (Athens University of Economics and Business, Greece) , Theodoros Dionysiou and George Stamatakis (FORTH-ICS, Greece)

Network Coding Protocols: Does Topology Matter?

Luisa Lima, Diogo Ferreira and Joao Barros (Instituto de Telecomunicacoes, Portugal)

15:30-17:00 **Session 4: Bandwidth Planning (Chair: George C. Polyzos)**

Collaborative Video Streaming in Future Networks.

David Erman and Markus Fiedler (Blekinge Institute of Technology, Sweden)

Application of Cost Models over Next Generation Network Dimensioning with QoS Traffic Restrictions.

Alberto Eloy Garcia, Laura Rodriguez and Klaus Hackbarth (University of Cantabria, Spain)

Optimization Model for Bandwidth Allocation in a Network Virtualization Environment.
Juan Felipe Botero and Xavier Hesselbach (Polytechnic University of Catalonia, Spain)

17:00-18:00 Discussion and reflection on the workshop topics / Closing (Chair: Karin A. Hummel)