From Bits to Data, from Pipes to Clouds
The network as an asset for convergence of Telecoms, IT and Media into an Internet of Knowledge

4-7 October 2011, Berlin, Germany

ICIN 2011

Two Topical Tutorials

Delegates to ICIN 2011 in Berlin, have a choice of two new and highly topical tutorials on the morning of October 4, the opening day of the conference.

Identity and Access Management for Web 2.0 and Cloud Computing
Developing New Services from the Building Blocks
Dr Igor Faynberg and Dr Hui-Lan Lu, Alcatel-Lucent, USA

Identity and Access Management has become the centrepiece of Web 2.0 development. Single sign-on through identity federation and social sharing through dynamic delegated access are increasingly considered by service providers. Meanwhile, cloud computing has emerged as a viable technology and created new opportunities–and concerns–for all stakeholders. This tutorial provides a detailed introduction to the technological foundation of Identity and Access Management, addressing all major existing–as well as developing–authentication and authorization mechanisms suitable for the Web and Cloud. It also demonstrates how to mix and match these building blocks creatively to build new service enablers, such as OpenID and OAuth.

Next-Generation-Networks to Future Internet (NGN2FI) Evolution
Requirements and Technologies for a Seamless FI Service Platform
Thomas Magedanz and Julius Müller, Technical University of Berlin, Germany

This half day tutorial will provide an overview about Next Generation Mobile Broadband Network Evolution towards the Future Internet (FI) starting from Intelligent Networks (IN) passing IP Multimedia Subsystem (IMS) over Evolved Packet Core (EPC) on to the FI. The tutorial will focus on the potential and capabilities of EPC as well as current research trends and challenges within FI. The tutorial terminates with an introduction into toolkits and laboratories from Fraunhofer FOKUS and Technical University Berlin enabling rapid Next Generation Mobile Network prototyping for academic and industry research, namely the OpenEPC, G-Lab DEEP and NGN2FI Playground.

More details about the tutorials can be found here.

The ICIN 2011 conference covers telecoms and web services and service architectures from both technical and business perspectives. ICIN focuses attention on the interplay between web and telecom technologies, services and players, and end users. The conference reports on the latest results from R&D laboratories as well as commercial deployments.

Full details of the ICIN 2011 Advance Programme can be downloaded here.

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As the chairmen of the Technical Programme Committee and International Advisory Board, we look forward to welcoming you in Berlin at ICIN 2011!

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chair@icin.biz

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cfp@icin.biz

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