

Realising the Power of the Network

Enabling the Internet of Everything

8-11 October 2012, Berlin, Germany



Outstanding Choice of Tutorials, Keynotes and Workshops at ICIN 2012

Delegates to ICIN 2012 in Berlin, October 8-11, will have the choice of two tutorials and three workshops. That's in addition to five keynote presentations supporting an outstanding set of technical presentations providing insights into the future of network services and applications. Full details of the ICIN 2012 Programme including technical sessions, keynotes, tutorials and colocated workshops can be downloaded [here](#).

The [ICIN 2012](#) conference covers telecoms and web services and service architectures from both technical and business perspectives.

[ICIN 2012 Tutorials](#)

Towards a Converged M2M Service Platform: Motivation, Standards and Applications

Prof. Dr. Thomas Magedanz and Dr. Sebastian Wahle, TU Berlin / Fraunhofer FOKUS, Germany This half day tutorial will provide an overview of delivery platforms including the IP Multimedia Subsystem (IMS) especially from the perspective of the deployment of a massive number of Machine Type Communication devices. Additionally, the novel ETSI standardized M2M platform will be introduced and analyzed.

Service Control Paradigms in Future Networks: Client-server, P2P and Network Intelligence

Roberto Minerva, Head of Innovative Architectures, Future Centre, Telecom Italia Currently there are some major trends in the way networked services are provided: namely, client-server, network intelligence, and peer-to-peer paradigms. These paradigms will likely be prevalent also in Future Networks, even if some other paradigms (e.g. Publish, Subscribe, Tuple space and others) will acquire importance due to the integration and emergence of Wireless Sensor Networks and Adaptive Networks. This tutorial provides a view on how the leading paradigms can be used to create services and how they allow leverage of the networked assets of different providers.

[ICIN 2012 Workshops](#)

MediaSync 2012 workshop

Media synchronization has been a challenge in A/V transmission for quite some time. Over the years, many techniques to achieve intra- and inter-media synchronization in various network conditions have been developed. In many cases, synchronization between different streams of media is crucial for a satisfying perceived Quality of Experience (QoE). Currently, many new media synchronization issues arise. On the one hand, novel media technologies such as HTTP streaming protocols, media encoders and HDTV often require new synchronization techniques. On the other hand, new patterns in media consumption often introduce specific synchronization issues. For example, internet applications evolving around broadcast TV content may need synchronization between the application and the broadband stream. Synchronization between different TV receivers may be needed in Social TV (inter-destination media synchronization). In some interactive TV cases synchronization between handheld devices and the TV screen may be needed. Moreover novel 3D technologies for TV broadcasting and tele-presence (3D tele-immersion) may require the adoption of several of these synchronization techniques to achieve a satisfying user experience. This workshop addresses various synchronization issues and requests contributions from different perspectives.

The 2nd ULOOP Industrial Workshop

ULOOP is a FP7 project that brings a fresh approach to user-centricity by exploring user-provided networking aspects in a way that expands the reach of a multi-access backbone. ULOOP addresses the user as a key component of networking services in future Internet architectures. ULOOP's main expected results are user-centric open-source software and a large-scale realistic demonstrator. The ULOOP consortium contains a total of 12 partners including three operators, two access vendors, a software house, four universities, as well as an R&D Laboratory. The project is jointly coordinated by Alcatel-Lucent Bell Labs France with Lusófona University (SITI, Informatics Systems and Technologies R&D Unit).

Smart Home Standardisation Ecosystem workshop

How can the Smart Home Ecosystem Deliver a Compelling Customer Experience? Emerging services in the home environment present massive opportunities for operators and service providers. However, these opportunities will only materialize if an effective and fit-for-purpose ecosystem is available to support their development and deployment. Moreover, this smart home ecosystem must be the ultimate answer to a compelling customer experience!

This workshop brings together operators, standards organizations, industry fora and suppliers for an open and honest examination of the difficulties currently faced by operators and consumers in implementing home environment services, and an exploration of how to resolve these difficulties through cooperation between the various members of the ecosystem.

Keynote addresses from leading telcos will address the pain points they experience in the smart home domain. Incisive panel discussions will examine how standardization bodies can develop a fit-for-purpose ecosystem to support the telcos and will discuss the role of telcos and vendor companies in building sustainable business models in the Smart Home domain.

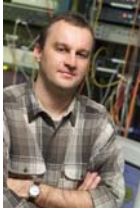
An Opportunity for All to Cooperate



Creating the new world of Clouds and Internet of Things will require the contribution of every single stakeholder. There is room, work and business for everybody. Will we be clever enough to play the game?

Luis Jorge Romero, Director General, **ETSI**

Removing the Fog from the Clouds – Research on the Carrier Cloud



Clouds will become smart and self-organizing taking into account configurable policies and objectives such as latency bounds and carbon emissions. Going forward, the focus will be on cloud aware applications that know where they and their users are and that control the cloud according to their needs.

Markus Hofmann, Head of Bell Labs Research, **Alcatel-Lucent Bell Labs**

Mobile Networks and Cloud Services in Disaster Recovery



The lessons learned from a telecommunication operator's deployment of an enhanced anti-disaster mobile network development plan will be instructive to all network operators when considering how to support people whose lives are in danger or distress.

Minoru Etoh, Senior Vice President, **NTT DOCOMO**

Self-Organization in Heterogeneous Wireless Networks



SON concepts are addressing network deployment (self-configuration), optimization and troubleshooting (self-healing). What is their potential to cope with a HetNets scenario, improving an operator's cost position while at the same time assuring a high quality customer experience?

Henning Sanneck, Research Manager, **Nokia Siemens Networks**

OSS and BSS: Driving Radical Change



How can the OSS and BSS enrich the communications experience by making communications products easy to buy, easy to use and easy to enjoy?

Beauford Atwater, Head, Strategy and Business Intelligence, Business Unit Support Solutions, **Ericsson**

REGISTER NOW!

As the chairmen of the Technical Programme Committee and International Advisory Board, we look forward to welcoming you in Berlin at ICIN 2012.

Stuart Sharrock, Chairman
ICIN International Advisory Board
chair@icin.biz

Igor Faynberg, Chairman
ICIN Technical Programme Committee
cfp@icin.biz

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