



Day 1, 13 November 2014 - FI-PPP Workshop

“Bridging the gap between Future Internet Research and Innovation”

An international workshop organized by XiFi - the capacity building project of the FI-PPP programme

Enabling Future Internet Research and Innovation already has given rise to a broad spectrum of initiatives worldwide. Initiatives like GENI (US) and FIRE (Europe) enable Future Internet research and experimentation by providing experimental ICT facilities predominantly targeting research communities. IGNITE (US) and the FI-PPP (Europe) programs provide platforms and environments for application development with stronger focus on innovation and business. In face of the current momentum to bring both worlds closer together in order to bridge the gap between Future Internet research and Future Internet innovation and business, the FI-PPP workshop brings together key players from FIRE, the FI-PPP, GENI, IGNITE, NSFCloud and the EIT ICT Labs.

SESSION 1 - 10:00 - 11:30

Future Internet Research and Innovation in Europe, the US, Canada and Asia

Chair: Florian Schreiner, Fraunhofer FOKUS, Germany

LUNCH BREAK / DEMOS 13:00 - 13:45

SESSION 2 - 13:45 - 15:15

The final phase of the FI-PPP, Status Quo and Quo Vadis?

Chair: Jacques Magen, InterInnov, France

15:30 - 15:45 COFFEE BREAK / DEMO

SESSION 3 - 15:45 - 16:30

FIRE and the EIT ICT supporting SMEs

Chair: Martin Potts, Director Martel GmbH, Switzerland

SESSION 4 - 16:30 - 17:15

FI-PPP's Business Development Acceleration

Chair: Federico Facca, XiFi Technical Coordinator, Create-Net, Italy

PANEL DISCUSSION

18:00 - 18:30 DEPARTURE OF SHUTTLE SERVICE TO EVENT LOCATION / DEMOS

19:00 SOCIAL EVENT



Day 1, 13 November 2014 - Tutorials & Workshops

08:30 -10:00 REGISTRATION

10:00-13:00 - TUTORIAL 3

Uniform IoT/M2M Service Development in Smart Cities

10:00-13:00 - TUTORIAL 2

5G Foundations and Core Network Evolution: Radio, Convergence Core, Cognitive Management and Virtualisation (SDN/NFV)

10:00-13:00 - TUTORIAL 1

Emerging Cloud-based smart communication platforms for Smart Cities

13:00 - 13:45 LUNCH BREAK / DEMOS

WORKSHOPS 1, 2, 3 RUN CONCURRENTLY

WORKSHOP 1 - 13:45 - 18:00

Communication Clouds enabling new Service Ecosystems

Chairs: Niklas Blum, Fraunhofer FOKUS, Germany
Serge Lachapelle, Google, Sweden

WORKSHOP 2 - 13:45 - 18:00

Towards 5G: SDN/NFV, Convergence & Applications Enablement

Chairs: Julius Müller, TU Berlin/Fraunhofer FOKUS, Germany
Marius Corici, Fraunhofer FOKUS, Germany

WORKSHOP 3 - 13:45 - 18:00

IoT/M2M Platform Convergence & Services for Smart Cities

Chair: Adel Al-Hezmi, Fraunhofer FOKUS, Germany

WORKSHOP 1 | SESSION 1 - 13:45 - 15:15
Taking the Pulse on Innovation and Disruption in the Telco Service Domain
Chair: Niklas Blum, Fraunhofer FOKUS, Germany

WORKSHOP 2 | SESSION 1 - 13:45 - 15:15
Core Networks and Applications enablement for 5G
Chair: Julius Müller, TU Berlin/Fraunhofer FOKUS, Germany

WORKSHOP 3 | SESSION 1 - 13:45 - 15:15
Innovative M2M/IoT applications and services
Chair: Enno Borchers, Deutsche Telekom AG, Germany

15:15 - 15:45 COFFEE BREAK / DEMOS

WORKSHOP 1 | SESSION 2 - 15:45 - 17:10
Deep Dive into Architecture, Media and Platforms for new Communication Services
Chair: Serge Lachapelle, Google, Sweden

WORKSHOP 2 | SESSION 2 - 15:45 - 17:10
Core Networks and Applications enablement for 5G
Chair: Marius Corici, Fraunhofer FOKUS, Germany

WORKSHOP 3 | SESSION 2 - 15:45 - 17:10
Innovative M2M/IoT applications and services
Chair: Manfred Hauswirth, TU Berlin / Fraunhofer FOKUS, Germany

17:10 - 18:00 PANEL DISCUSSIONS

WORKSHOP 1 | PANEL DISCUSSION 17:10 - 18:00
Communication Clouds enabling new Service Ecosystems

WORKSHOP 3 | PANEL DISCUSSION 17:10 - 18:00
M2M/IoT challenges and opportunities
Chair: *Tarik Taleb, NEC Eruope Ltd, Germany*

WORKSHOP 2 | PANEL DISCUSSION 17:10 - 18:00
Towards 5G: SDN/NFV, Convergence and Applications Enablement
Chair: Julius Müller, TU Berlin / Fraunhofer FOKUS, Germany
Marius Corici, Fraunhofer FOKUS, Germany
Thomas Michael Bohnert, ZHAW, Switzerland

18:00 - 18:30 DEPARTURE OF SHUTTLE SERVICE TO EVENT LOCATION / DEMOS

19:00 SOCIAL EVENT



Day 2, 14 November 2014 - Conference: "Smart Communication Platforms for Emerging Smart Cities"

8:00 REGISTRATION

9:00

Opening & Keynote

Welcome: Manfred Hauswirth, Fraunhofer FOKUS/TU Berlin, Germany

Opening: Thomas Magedanz, Fraunhofer FOKUS/TU Berlin, Germany

Keynote: Platforms to enable innovation with SDN, NFV, and Cloud
Guru Parulka, Stanford University, USA

SESSION 1 - 9:30 - 11:00

Broadband Access Convergence in Smart Cities: Evolution Path to 5G based on SDN and

11:00 - 11:30 COFFEE BREAK / DEMOS

SESSION 2 - 11:30 - 12:45

H2H in Smart Cities: Virtualised EPC/IMS/RCS/VoLTE vs. WebRTC and OTT Communications

Kurt Tutschku, Blekinge Institute of Technology, Sweden

12:45 - 13:30 LUNCH BREAK / DEMOS

PANEL: CLOUD-BASED TELCO PLATFORMS ENABLING COMPETITIVE SMART CITY APPLICATIONS

SESSION 3 - 14:00 - 15:15

M2M in Smart Cities: Internet of Things as Key Driver of innovative Smart City Services

Chair: Phuoc Tran-Gia, University Würzburg, Germany

15:15 - 15:45 COFFEE BREAK / DEMOS

SESSION 4 - 14:45 - 17:15

Smart Cities as Future Internet Showcase become Reality: Best Practices from around the World

Chair: Serge Fdida, Université Pierre et Marie Curie (UPMC), Sorbonne University, LIP6 Laboratory & LINCS, France

17:15 - 17:30 CLOSING AND FAREWELL
