Welcome
to the 6th ruSmart conference on
Internet of Things and Smart Spaces

August 28, 2013
St.-Petersburg, Russia
Conference program

• 09:00-09:30 Registration
• 09:30-09:45 Opening
• 09:45-10:30 Keynote talk: R&D activities and progress around IoT in Finland, Wilhelm Rauss, Director of IoT program in Finland, Ericsson, Finland
• 10:30-11:00 Coffee break
• 11:00-12:45 Session I: Internet of Things
  – The Internet of Things Big Bets, Rob van den Dam
  – Adaptive and Context-aware Service Discovery for the Internet of Things, Talal Butt, Iain Phillips, Lin Guan, George Oikonomou
  – Deployment of Smart Spaces in Internet of Things: Overview of the Design Challenges, Dmitry G. Korzun, Sergey I. Balandin, Andrei Gurtov
  – Addressing heterogeneity in the Internet of Things, Aliaksei Andrushevich, Bertrand Copigneaux, Rolf Kistler, Alexander Kurbatski, Franck Le Gall, Alexander Klapproth
• 12:45-13:45 Lunch
Conference program (cont.)

- **13:45-15:30 Session II: Smart Spaces Technologies**
  - Geo-coding in Smart Environments: Smart-M3 and Geo2Tag integration Principles, Kirill Krinkin, Kirill Yudenok
  - A Framework for Interacting Smart Objects, Arnab Sinha, Paul Couderc
  - Intelligent Mobile Tourist Guide: Context-Based Approach and Implementation, Alexander Smirnov, Alexey Kashevnik, Sergey I. Balandin, Santa Laizane
  - A Subgraph Isomorphism Based Approach to Enable Discovery and Composition of Smart Space Elements, Oscar Rodríguez Rocha, Boris Moltchanov, Cristhian Figueroa
  - Agent Substitution Mechanism for Dataflow Networks: Case Study and Implementation in Smart-M3, Ilya Paramonov, Andrey Vasilev, Denis Laure, Ivan Timofeev

- **15:30-16:00 Coffee break**

- **16:00-17:45 Session III: Smart Systems**
  - Discovery of Convoys in Network Proximity Log, Dmitry Namiot, Manfred Sneps-Snepp
  - Geofence and Network Proximity, by Dmitry Namiot, Manfred Sneps-Snepp
  - FPGA Design and Implementation of MIMO-SDM Systems for Wireless Internet Communications Networks, Bui Huu Phu
  - Context-Based Logical Clustering of Flow-Sensors Exploiting HyperFlow and Hierarchical DHTs, Rahim Rahmani, S M Hasibur Rahman
  - An integrated smart system for ambient-assisted living, Thato Foko, Nomusa Dlodlo, Litsietsi Montsi

- **18:00–22:00 Social event**
Social Event

• Boat trip on the rivers and canals with snacks and drinks on board
• Bus leaves hotel at 18.00
• Distance from hotel 2.5km
• Boat leaves at 18.30
• Pier address: Fontanka 53
• Come back at 21.30
Keynote talk:
R&D activities and progress around IoT in Finland,
by Wilhelm Rauss,
Director of IoT program in Finland, Ericsson, Finland