

# Welcome

to the 8<sup>th</sup> ruSmart conference on  
Internet of Things and Smart Spaces

August 26, 2015

St.-Petersburg, Russia

# Conference program

- 09:00-09:30 Registration at Sokos Olympia Garden hotel
- 09:30-09:45 Conference opening
- 09:45-10:30 Keynote talk: Securing the Internet of Things: Opportunities and challenges with scaling IoT solutions, Rob van den Dam, Global Telecommunications Industry Leader, IBM Institute for Business Value, Netherlands
- 10:30-11:30 Session I
  - The Monitoring of Information Security of Remote Devices of Wireless Networks, Viktoria Korzhuk, Ilya Lebedev
  - Synthesis of the wireless sensor network structure in the presence of physical attacks, Vladimir Mochalov
  - Parent-Aware Routing for IoT Networks, Necip Gozuacik, Sema Oktug
- 11:30-12:00 Coffee break
- 12:00-13:20 Session II: IoT Platforms
  - A Multi-broker Platform for the Internet of Things, Alfredo D'Elia, Fabio Viola, Luca Roffia, Tullio Salmon Cinotti
  - Cloud IoT platforms: a solid foundation for the future Web or a temporary workaround?, Sergey Efremov, Nikolay Pilipenko, Leonid Voskov, Mikhail Komarov
  - The Smart-M3 Platform: Experience of Smart Spaces Application Development for Internet of Things, Dmitry G. Korzun, Alexey Kashevnik, Sergey I. Balandin, Alexander Smirnov
  - Multi-Level Robots Self-Organization in Smart Space: Approach and Case Study, Alexander Smirnov, Alexey Kashevnik, Sergey Mikhailov, Mikhail Mironov, Olesya Baraniuc
- 13:20-14:40 Lunch

# Conference program (cont.)

- 14:40-16:00 Session III: Smart Spaces and IoT Use Cases
  - High Capacity Trucks serving as Mobile Depots for Waste Collection in IoT-enabled Smart Cities, Theodoros Vasileios Anagnostopoulos, Arkady Zaslavsky, Stefanos Istvan Georgiou, Sergey Khoruzhnikov
  - Big Data Governance for Smart Logistics: a Value-Added Perspective, Jae Un Jung, Hyun Soo Kim
  - Waste management as an IoT enabled service in Smart Cities, Alexey Medvedev, Petr Fedchenkov, Arkady Zaslavsky, Theodoros Vasileios Anagnostopoulos, Sergey Khoruzhnikov
  - Service Intelligence Support for Medical Sensor Networks in Personalized Mobile Health Systems, Dmitry G. Korzun, Ilya Nikolaevskiy, Andrei Gurtov
- 16:00-16:30 Coffee break
- 16:30-17:50 Session IV: Smart Services and Solutions
  - Synthesis of Multi-Service Infocommunication Systems with Multimodal Interfaces, Oleg Basov, Dmitry Struev, Andrey Ronzhin
  - Data mining algorithms parallelizing in functional programming language for execution in cluster, Ivan Kholod, Aleksey Malov, Sergey Rodionov
  - Ontology-Based Voice Annotation of Data Streams in Vehicles, Inna Sosunova, Arkady Zaslavsky, Theodoros Vasileios Anagnostopoulos, Alexey Medvedev, Sergey Khoruzhnikov, Vladimir Grudin
  - Method of Defining Multimodal Information Falsity for Smart Telecommunication Systems, Oleg Basov, Andrey Ronzhin, Victor Budkov, Igor Saitov
- 17:50-18:00 Closing of the first day and details of the social event
- 18:00–22:00 Social event

# Social Event

- Boat trip on the rivers & canals with snacks and drinks on board
- Bus leaves hotel at 18.00
- Walking distance 3.7km
- Boat leaves at 18.30
- Pier address: Moyka 12
- Return to pier at 21.30
- Back to hotel at 22.00

