

Focusing on Smart City 4th Hungarian Future Internet Conference and Smart City Exhibition



Budapest University of Technology and Economics (BME)
Central Building (K), Assembly Hall
November 8-9, 2017

1st Day

NOVEMBER 8. WEDNESDAY

8.30 - 9.30 Registration

9.30 – 11.30 1st section: Focusing on Smart City

Section Chair: László Jakab professor, dean BME VIK

Opening talks

- Lutz Heuser (Urban Software Institute, Germany): International Smart City plans, experiences, success factors
- Kovács Kálmán (BME): Smart City models, the SmartPolis project
- David Barta (CityOne, Brno): Smart City principles described on air quality management case
- Roberto Baldoni (Universita di Roma): Cyber Security organisations in Italy

11.30 – 12.00 Opening Smart City Exhibition – Aula, Central Building

Presenting the Exhibition: László Vajta, President, SmartPolis Knowledge Centre
More than 15 exhibitors, the Exhibition is open during the Conference

12.00 – 13.30 Lunch break

13.30 – 15.00 2nd section: Future Internet Trends, Research Results

Section Chair: Gyula Sallai, professor emeritus, BME

- Andrea Bondavali (Univ. Firenze): Critical Information Infrastructures
- András Pataricza (BME): Blockchain Technologies
- Attila Gilányi (University of Debrecen): Virtual Reality Reconstruction Technology
- Imre Varga (University of Debrecen): Insight into the World of Complex Networks

15.00 – 15.30 Coffee break

15.30 – 17.00 3rd section: Future Internet Solutions, applications

Section Chair: Tamás Mihálydeák, Director FIRCC, Dean DE IK

- Gábor Fehér (BME): Low Power IoT Radio Technologies
- Péter Horváth (BME): Intelligent Exploitation of the Radio Frequency Spectrum in Future Wireless Access Networks
- Péter Orosz, Ivett Kulik, Tamás Marosits (BME): Performance Analysis of Internet Accesses in Web Browser
- Roland Szabó (University of Timișoara): Optical Distance Measurement Online Data Evaluation at Different Positions Using Six Sigma Tools

**2nd
Day**

NOVEMBER 9. THURSDAY

9.00 - 16.00 SMART CITY EXHIBITION IN THE AULA

9.30 – 11.00 4. section: Smart City „best practices”

Section Chair: Péter Bakonyi, President FI NTP, BME

- András Nemeslaki (National University of Public Service): Governing Smart Cities: Issues and Challenges
- László Mátyus (EDC Debrecen): Debrecen Smart City
- Sándor Nagy (Szeged): Smart City Programme of Szeged
- Máté Petrik (Liget Budapest): The Liget Budapest Project
- Sályi Géza (Kiskőrös), Bakonyi Péter (BME): Smart City Strategy of Kiskőrös – Petőfi Plan

11.15 – 11.45 Coffee break

11.45 – 13.15 5. section: Smart City as an innovation engine

Section Chair: Kovács Kálmán, Director, SmartPolis Knowledge Centre, BME

- Nikolay Tcholtchev (Fraunhofer Institute, Germany): Facilitating Eco-Systems for Smart Cities through Reference Architectures
- Zsolt Szalay (BME): ZalaZone Test Environment to the Future Cars
- Péter Baranyi (Széchenyi István University), Ildikó Horváth (University of Pécs): 3D Internet in the Education
- Benjámín Győri, Viktor Nagy (Tungstam-Schröder): Changing Cities – Smart planning

13.15 **Conference closing:** László Jakab László Jakab professor, dean BME VIK

13.30 – 14.00 Sandwich lunch

16.00 Closing Smart City Exhibition

