



6th Hungarian Future Internet Conference

(6. Magyar Jövő Internet Konferencia – MJIK 2019)

» Focusing on Smart Ecosystems «

Budapest University of Technology and Economics (BME), Central Building

November 27. 2019, in the frame of Month of Sciences

Main patron: Prof. Dr. János Józsa rector, BME

Preliminary Programme

8.30 - 9.30 Registration

9.30-10.00

Opening

Józsa, János, rector, BME: Opening Talk

Charaf, Hassan, dean, BME VIK: Digital Europe

10.00 – 12.00

Session 1: Smart Ecosystems: Smart City, Factory and Farming

Chairman: Prof. Hassan Charaf, dean, BME VIK

- *Falus, András (MTA): Role of IT in Genomics*
- *Imre, Sándor (BME): Science and Technology – Enablers of Smart Ecosystems*
- *Magyar, Gábor (BME): Time to Reinvent Internet – Technologies of the Approaching NGI Ecosystem*
- *Sebők, A., Berczeli, A. (Campden BRI Hungary): Opportunities for Modernisation of the Food Processing Industry through Industry 4.0*
- *Gulyás, László (EIT Digital Budapest): Smart Digital Ecosystems – European Innovation Projects*

12.00– 13.00 Lunch break

13.00 – 14.45

Session 2: Trends in Digital Technology: 5G, AI, AR/VR...

Chairman: Gyula Sallai, Prof. Emeritus, BME

- *Zagyva, Béla (NOKIA Hungary):* 5G Networks – Status and Prospects
- *Gyires-Tóth, Bálint (BME):* Past, Present and Future of Deep Learning
- *Varga, Pál (BME):* Advanced Methods of Network and Service Management
- *Horváth, Ildikó (Széchenyi István University):* VR, Breakthrough in Education
- *Tóth, Balázs (BME):* Everyday Augmented Reality
- *Bartolits, István (NMHH):*

Future Information and Communication Technologies and Regulation

14.45 – 15.15 Coffee break

15.15 – 17.00

Session 3: Smart Solutions in Manufacturing, Environment, Transport, Life...

Chairman: Péter Bakonyi, President of FI NTP

- *Gódor, István (Ericsson Hungary):* 5G for Smart Manufacturing
- *Farkas, Károly (NETvisor):*
IoT and Industry 4.0 in Practice – Factory Infrastructure Supervision
- *Cinkler, T., Krámer, T. (BME):* Smart Lakes in Hungary
- *Ispány, M., Besenczi, R. (University of Debrecen):*
Smart Vehicles and Transport Planning
- *Hanák, Péter (BME):* Internet on Prescription – Smart Healthcare
- *Kovács, Kálmán (BME):* Conference Closing – Smart City Perspectives

Dr. Peter Bakonyi
BME, FI NTP, FIRCC

Prof. Dr. Gyula Sallai
BME, HTE, FIRCC

