CENTRAL EUROPEAN COOPERATION FOR INDUSTRY 4.0
workshop

The event offers a chance for businesses, researchers and knowledge institutes to meet new partners and outline innovative solutions and collaborative investments, cross regional project proposals in the fields of Industry 4.0.

Date and place: 20-21 September 2017, Budapest
Foreseen number of participants: 130

Objectives of the event:
- creating a professional forum for regional actors (i.e. higher education, research centres, enterprises, research and innovation agencies, funding agencies) being active in advanced manufacturing and open for international RDI collaborations;
- presenting relevant cooperation opportunities, existing networks
- providing opportunity for participants to present their project ideas
- promoting the preparation of specific regional collaborative projects, consortium building, personalized matchmaking

Venue: ÖbölHáz Rendezvényközpont (BayHouse Event Centre) 1117 Budapest, Kopaszi-gát 1

Programme

20 September 2017, Wednesday

9:30-10:00 Registration

10:00-10:30 Official opening of the event: Prof. József Pálinkás, president of NRDI Office

Addressing the event: István Lepsényi, state secretary, Ministry for National Economy

Smart specialization cooperation in Central Europe initiative, Vittoria Alliata di Villafranca, Director, DG REGIO
10:30-10:50  INTERREG Central Europe – details of the new call for proposal on sustainable linkages among actors of the innovation systems, Monika Schönerklee-Grasser (Head of Evaluation and Monitoring Unit, Interreg Central Europe Joint Secretariat)

10:50-12:30  Presentation of relevant funding opportunities of Horizon 2020


11:30-12:15  Presentation of other funding programmes (H2020 ICT, EUREKA, EUROSTARS, ECSEL) by NRDIO speakers

12:15-12:30  Q and A

12:30-13:30  Buffet Lunch

13:30-18:50  Presentation of cross regional cooperation possibilities and introduction of project ideas in advanced manufacturing – in practice

13:30-15:30  Future trends of Industry 4.0 - Panel discussion with keynote speakers
   Moderator: Prof. László Monostori
   Prof. László Monostori, MTA SZTAKI and BME: Introduction – Industry 4.0: New rooms for cooperation
   Prof. em. Engelbert Westkämper, TU Stuttgart and Fraunhofer IPA: Strategies for reindustrialization of European industries
   Mr. Joerg Bauer, President of GE Hungary: Industry 4.0: An industrial view
   Prof. Tullio Tolio: ITIA-CNR and POLIMI
   Remanufacturing or Co-evolution of products, processes and production systems
   Prof. Sebastian Schlund, TU Wien:
   Human centred cyber-physical assembly
   Mr. Lukas Merkel, Fraunhofer IGCV
   Cognitive Assistance Systems in Manufacturing
   Panel discussion

15:30-15:50  Coffee break
15:50-17:20  **Thematic sessions** (in two different rooms)

1. **Human-robot cooperation** from sensors to standards  
   moderator: **József Váncza**, SZTAKI; participants:  
   Hepenix Kft.                               József Tóth, director  
   Innomine Kft.                              Gábor Vicsze, CEO  
   KUKA Robotics Hungary Kft.                Gábor Perity, sales manager  
   OptoForce Kft.                             Ákos Dömötör, managing director  
   PROFACTOR GmbH                            Christian Wögerer,  
   **SZTAKI**

2. **Smart Factory**: processing of production data, maintenance forecasting, manufacturing platforms, industrial internet, cyber-physical systems, High-Performance Manufacturing  
   moderator: **Prof. Charaf Hassan**, BME; participants:  
   Bosch Rexroth Kft.                        István Ács, general manager  
   Ericsson Hungary Kft.                     Vilmos Beskid, head of R&D  
   IBM Commercial S&D Segment                Alexander Habinski, leader CEE  
   IFKA                                      Krisztina Bárdos, director  
   OpenLimit AG                              Maik Pogoda, CEO  
   **SAP Hungary Kft.**                      
   Siemens Zrt., Digital Factory             Tamás Jeránek, head of division

17:20-17:40  Q and A

17:40-18:40  **Presentation of project ideas** by the participants (5 minutes / presentation)

18:40-18:50  **Watify Campaign** and opportunities for collaboration and partnerships development (Eleonora Zoboli, Watify, Technopolis Group)

19:00-22:00  Networking Buffet Dinner

**21 September 2017, Thursday**

8:30-9:00  Registration

9:00-10:00  **Presentation of platforms** — examples of existing cooperation (Panel discussion)  
   - Hungarian Industry 4.0 platform – Representative of SZTAKI  
   - Thematic Smart Specialisation Platform for Industrial Modernisation (TSSP–IM)  
     **Pierre Padilla**, IDEA Consult  
   - European Technology Platform ManuFuture  
   - EIT and EIT Digital KIC – **Zoltán Horváth**, ELTE
10:00-10:20 **Coffee break**

10:20-10:40 **Welcome and Introduction to Industry 4.0 project generating session**

- Presentation of the Watify campaign and practical information on upcoming sessions - **Eleonora Zoboli**, Watify
- Brief summary of main conclusions from the Industry 4.0 project generating workshop Day 1: setting the scene for the multilateral working group meetings

10:40-11:40 **Working group meetings**

- Multilateral working group meeting - Group 1
  
  **Human-robot cooperation** from sensors to standards

- Multilateral working group meetings - Group 2
  
  **Smart Factory**: processing of production data, maintenance forecasting, manufacturing platforms, industrial internet, cyber-physical systems, High-Performance Manufacturing

11:40-13:00 **Matchmaking session** driven by Watify

Pre-arranged exploratory one-to-one meetings – based on a personalised agenda (max 30 min / meeting) with participants from Austria, Croatia, Czech Republic, Germany, Hungary, Italy, Poland, Slovakia, Slovenia

13:00-14:00 **Buffet Lunch**

*Supporting partner:*

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