

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 people

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

REGISTRATION

Matchmaking registration:

<https://watify-industry-4-0.b2match.io/>

PROGRAMME

20 September 2017, Wednesday

9:30-
10:00 Registration

10:00-Official opening of the event: **Prof. József Pálincás**, president of National Research,

10:30 Development and Innovation Office (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, EU Commission; Directorate General for Regional and Urban Policy (DG REGIO)

10:30-**INTERREG CENTRAL EUROPE** third call for proposals: Thematic focus on regional

10:50 smart specialisation strategies

Monika Schönerkle-Grasser, Head of Evaluation and Monitoring Unit, Interreg Central Europe Joint Secretariat)

10:50-**Presentation of relevant funding opportunities of Horizon 2020 and other funding**
12:30 programmes

Horizon 2020, “Nanotechnologies, Advanced materials, Advanced manufacturing and processing, and Biotechnology” programme in 2018-2020;

John Cleuren, European Commission, DG Research & Innovation, Senior Expert, NMBP Call Coordinator

Presentation of other funding programmes (H2020 ICT, EUREKA, EUROSTARS, ECSEL)
NRDI Office speakers

Q and A

12:30-
13:30 Buffet Lunch

13:30-
18:50 **Industry 4.0 – in practice:**

Keynote panel on future trends, thematic sessions with industry representatives and introduction of project ideas in advanced manufacturing

13:30-
15:30 **Future trends of Industry 4.0 - Panel discussion with keynote speakers**

Moderator: Prof. László Monostori

Introduction – Industry 4.0: New rooms for cooperation

Prof. László Monostori, , director of Institute for Computer Science and Control, Hungarian Academy of Sciences; & Budapest University of Technology and Economics;

Strategies for reindustrialization of European industries

Prof. em. Engelbert Westkämper, University of Stuttgart & Fraunhofer Institute for Manufacturing Engineering and Automation IPA;

Industry 4.0: An industrial view

Mr. Joerg Bauer, President of General Electric Hungary;

Demufacturing and Remanufacturing Systems for Circular Economy

Prof. Tullio Tolio: director of Institute for Industrial Technologies and Automation – National Research Council of Italy (ITIA–CNR) & University of Polytechnic, Milano;

Human centred cyber-physical assembly

Prof. Sebastian Schlund, Technical University, Wien;

Cognitive Assistance Systems in Manufacturing

Mr. Lukas Merkel, Fraunhofer Research Institution for Casting, Composite and Processing Technology – IGCV;

15:30-
15:50 Coffee break

15:50-**Thematic sessions** (in two separate rooms)

17:30

1. Human-robot cooperation - from sensors to standards

moderator: **József Váncza**, Institute for Computer Science and Control, Hungarian Academy of Sciences (SZTAKI);

- Hepenix Kft.: **József Tóth**, director
- KUKA Robotics Hungary Kft.: **Gábor Perity**, sales manager
- OptoForce Kft.: **Ákos Dömötör**, managing director
- PROFACTOR GmbH: **Christian Wögerer**, Msc
- SZTAKI: **Gábor Erdős**, senior research associate

Panel discussion, including Q & A

2. Smart Factory: processing of production data, maintenance forecasting, manufacturing platforms, industrial internet, cyber-physical systems, High-Performance Manufacturing

moderator: Prof. **Charaf Hassan**, Budapest University of Technology and Economics;

Participants:

- Bosch Rexroth Kft.: **Dániel Prekel**, head of system engineering
- Ericsson Hungary Kft.: **Vilmos Beskid**, head of R&D
- Innomine Kft.: **Gábor Vicze**, CEO
- IBM Commercial S&D Segment: **Alexander Habinski**, leader CEE
- IFKA: **Krisztina Bárdos**, director
- OpenLimit AG: **Maik Pogoda**, CEO
- SAP Hungary Kft.: **Johannes Tulusan**, Head of IoT & Digital Supply Chain
- Siemens Zrt., Digital Factory: **Tamás Jeránek**, head of division

Panel discussion, including Q & A

17:30-

18:50 **Presentation of project ideas** by the participants (3 minutes / presentation)

18:50-**Watify Campaign** and opportunities for collaboration and partnerships development –

19:00 Eleonora Zoboli, Watify, Technopolis Group

19:00-

22:00 Networking Buffet Dinner

21 September 2017, Thursday

8:30-9:00 Arrival

9:00-9:15 **Wrap up from day one** - Brief summary of main conclusions from the Industry 4.0 project generating workshop

Jack Engwegen – senior advisor DG REGIO, Pierre Padilla – IDEA Consult

9:15-10:15 **Presentation of platforms** — examples of existing cooperation; Panel discussion
Moderator: **Vincent Duchene** – IDEA consult

- European Institute of Innovation & Technology (EIT) & EIT Digital Knowledge and Innovation Community (KIC) – **Zoltán Horváth**, director of EIT Digital KIC & Dean of the Faculty of Informatics at the University ELTE
- Thematic Smart Specialisation Platform for Industrial Modernisation (TSSP–IM) - **Pierre Padilla**, IDEA Consult
- Hungarian Industry 4.0 platform – **József Váncza**, Head of the Research Laboratory on Engineering and Management Intelligence; Institute for Computer Science and Control, Hungarian Academy of Sciences (SZTAKI)
- European Technology Platform ManuFuture – **Géza Haidegger**, Institute for Computer Science and Control, Hungarian Academy of Sciences (SZTAKI)
- EUREKA SMART Cluster, advanced manufacturing programme – **Joseba Bilbatua**, senior coordinator

10:15-10:35 Coffee break

10:35-10:50 **Introduction to Industry 4.0 matchmaking session** – **Eleonora Zoboli**, Wotify, Technopolis Group
Presentation of the Wotify campaign and practical information on upcoming sessions, setting the scene for the multilateral working group meetings.

10:50-11:50 **Multilateral Working group meetings** driven by Wotify

Group 1: **Human-robot cooperation** from sensors to standards
Moderator: **Dr József Váncza**, Institute for Computer Science and Control, Hungarian Academy of Sciences (SZTAKI);

Group 2: Smart Factory: processing of production data, maintenance forecasting, manufacturing platforms, industrial internet, cyber-physical systems, High-Performance Manufacturing
Moderator: **Eleonora Zoboli**, Wotify, Technopolis Group

11:50-13:00 **Matchmaking session** driven by Wotify – **Eleonora Zoboli**, Wotify, Technopolis Group
Pre-arranged exploratory one-to-one meetings – based on a personalised agenda (max 30 min / meeting) with participants from Austria, Bulgaria, Croatia, Czech Republic, Germany, Hungary, Italy, Poland, Slovakia, Slovenia, Spain.

13:00-14:00 Buffet Lunch

PRACTICAL INFORMATION

[Practical guide](#) PDF (471 KB)