

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 OF THE EVENT

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](#) PDF (612 KB)

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](#) PDF (1 253 KB)

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

- [Information and Communication Technologies Horizon 2020](#) PDF (3 471 KB)
Edina Németh, ICT, FET, Horizon 2020 Programme Committee Member (PC) National Contact Point (NCP)
- [ECSEL](#) PDF (564 KB)
Ágnes Divinyi, National Research, Development and Innovation Office (NRDI Office)
- [EUREKA & EUROSTARS - Helping SMEs to innovate across borders](#) PDF (924 KB)
Gergely Mészáros, EUREKA/EUROSTARS National Project Coordinator (NPC), National Research, Development and Innovation Office (NRDI Office)

Q & 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](#) PDF (1 651 KB)

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](#) PDF (693 KB)

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

[Industry 4.0: An industrial view](#) PDF (3 154 KB)

Mr. Joerg Bauer, President of General Electric Hungary

[Demufacturing and Remanufacturing Systems for Circular Economy](#) PDF (5 388 KB)

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](#) PDF (930 KB)

Prof. Sebastian Schlund, Technical University, Wien;

[Cognitive Assistance Systems in Manufacturing](#) PDF (1 700 KB)

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

15:30-
15:50 Coffee break

15:50-
17:30 **Thematic sessions** (in two separate rooms)

1. **Human-robot cooperation** - from sensors to standards

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

- [Hepenix Kft.](#) PDF (2 892 KB) – **József Tóth**, director
- [KUKA Robotics Hungary Kft.](#) PDF (1 643 KB) – **Gábor Perity**, sales manager
- [OptoForce Kft.](#) PDF (639 KB) – **Ákos Dömötör**, managing director
- [PROFACTOR GmbH](#) PDF (5 396 KB) – **Christian Wögerer**, Msc
- [SZTAKI](#) PDF (1 521 KB) – **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.](#) PDF (1 062 KB) – **Dániel Prekel**, head of system engineering
- [Ericsson Hungary Kft.](#) PDF (806 KB) – **Vilmos Beskid**, head of R&D
- [Innomine Kft.](#) PDF (1 334 KB) – **Gábor Vicze**, CEO
- [IBM Commercial S&D Segment](#) PDF (959 KB) – **Alexander Habinski**, leader CEE
- [IFKA](#) PDF (382 KB) – **Krisztina Bárdos**, director
- [OpenLimit AG](#) PDF (566 KB) – **Maik Pogoda**, CEO
- [SAP Hungary Kft.](#) PDF (7 975KB) – **Johannes Tulusan**, Head of IoT & Digital Supply Chain
- [Siemens Zrt.](#) PDF (2 032 KB), 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)

- [Bayern Innovativ: Cluster-Work-Group](#) PDF (640 KB) – **Borris Haupt**
- [Opolskie Centre for Economy Development](#) PDF (400 KB) – **Marcin Staniszewski**
- [Virconsol: Trusted ways](#) PDF (336 KB) – **Tamás Damján**
- [Seacon Europe: I4Log Industrial Module](#) PDF (1 603 KB) – **Zsolt Viniczay**
- [Régens: Coded for your success](#) PDF (570 KB) – **Andrea Kajzingerne Szarka**
- [Kaposvár University: In vitro Production of Roseroot](#) PDF (867 KB) – **Iman Mirmazloum**
- [Sapientia: COST action proposal](#) PDF (979 KB) – **László Bakó**
- [Novitech: I3D - VR/AR for industrial use](#) PDF (580 KB) – **Dominik Demeter**
- [Bay Zoltan Ltd.: Industry 4.0 Oriented Modeling](#) PDF (310 KB) – **Richárd Ladányi**
- [NearSoft: Manufacturing Operations Management](#) PDF (1 806 KB) – **Vladimir Filipov**
- [evosoft: Industry 4.0 demonstrator](#) PDF (865 KB) – **Tobias Manger**
- [OpenLimit: Secure Communication Gateway](#) PDF 350 KB) – **Maik Pogoda**
- [SZTAKI: HUROCCA](#) PDF (358 KB) – **Csaba Kardos**
- [SZTAKI: Smart DaViDiM](#) PDF (590 KB) – **Gianfranco Pedone**
- [Technical University of Kosice: Project ideas](#) PDF (703 KB) – **Peter Papcun**
- [TECOS Slovenian Tool and Die Development Centre](#) PDF (1 913 KB) – **Aleš Hančič**

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

19:00 Zoboli, Watify, Technopolis Group

- [Watify](#) PDF (737 KB) – **Eleonora Zoboli**

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 \(KIC\)](#) PDF (18 438 KB) – **Zoltán Horváth**, director of EIT Digital KIC & Dean of the Faculty of Informatics at the University ELTE
 - [Thematic Smart Specialisation Platform for Industrial Modernisation \(TSSP– IM\)](#) PDF (659 KB) - **Pierre Padilla**, IDEA Consult
 - [Hungarian Industry 4.0 platform](#) PDF (1 509 KB) – **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](#) PDF (1 102 KB) – **Géza Haidegger**, Institute for Computer Science and Control, Hungarian Academy of Sciences (SZTAKI)
 - [EUREKA SMART Cluster, advanced manufacturing programme](#) PDF (1 854 KB) – **Joseba Bilbatua**, senior coordinator
- 10:15-10:35 Coffee break
- 10:35-10:50 **Introduction to Industry 4.0 matchmaking session** – **Eleonora Zoboli**, Watify, Technopolis Group
Presentation of the Watify 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 Watify
- 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**, Watify, Technopolis Group
- 11:50-13:00 **Matchmaking session** driven by Watify – **Eleonora Zoboli**, Watify, 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)