



WORKSHOP A1

Skills for the digital age – Challenges, best practices and initiatives

1 February 11:20 a.m. – 12:50 p.m.

The workshop will focus on:

- Which new education and life-long learning schemes can cope with the digital change?
- How to enhance initiatives and cooperation in the research sector and training programmes within companies?
- How can we share actions at national and European level? What role for national governments and the European Digital Skills and Jobs Coalition?

11:20 a.m. Welcome and introduction

Karen Coleman, Journalist, author and founder of EuroParlRadio

11:25 a.m. Presentation of the Digital Skills and Jobs Coalition

Heidi Cigan, Head of Sector, Digital Economy and Skills, DG CONNECT, European Commission

Keynote speech – The digital talent challenge

Jorge Schnura, COO & Co-Founder, source{d}

11:30 a.m. Panel discussion – Reskilling the workforce: Overcoming the digital talent challenge

Participants will discuss challenges and best practices for reskilling the workforce in companies. They will touch on challenges and best practices concerning educational training as well as new scientific initiatives on training the workforce, and last but not least discuss possible recommendations for governments at national and European level.

Jorge Schnura, COO & Co-Founder, source{d}

Martin Sauer, Senior Expert Working Conditions / Labour Relations 4.0, Robert Bosch GmbH

Oliver Röthig, Regional Secretary, Uni Europa

Mirko Wesling, Head of Unit, Department of Vocational Education and Training,
German Confederation of Skilled Crafts (ZDH)

Davide Meinero, Member of the Coordination Group for ERA 4.0 Pilot (E.R.-AMIAT-Torino
Wireless), Managing Director at I&D Consulting, Lecturer of Sociology of Economic and
Labor Processes at the School of Management of Turin

Thilo Zimmermann, Project Manager Future Work Lab, Fraunhofer-Institut für
Produktionstechnik und Automatisierung

12:20 p.m. Questions from the audience

12:50 p.m. End of the session



WORKSHOP A2

Standards, reference architectures and testbeds for the manufacturing industry

1 February 11:20 a.m. – 12:50 p.m.

The workshop will focus on:

- What are the possibilities and opportunities of using testbeds and other bottom-up approaches to define standards?
- How to enable and foster dialogue and collaboration between testbed institutions in the different member states?
- How to make access to standards easier for SMEs?

11:20 a.m. Welcome and introduction

Reinhold Pichler, VDE and Arian Zwegers, EC

Keynote speech – The digital talent challenge

Thomas Hahn, Siemens: Labs Network Industrie 4.0

Reinhold Pichler, SC I40: The work on Standardisation Council Industrie 4.0

Karsten Schweichhart, Deutsche Telekom: Reference Architecture Model RAMI 4.0.

Franco Cavadini, Synesis: Interoperability, modularity and scalability: IEC-61499, a standardized platform to unify European digital automation

Antonio Conte, European Commission DG Grow: ICT Standardisation Priorities for the Digital Single Market

12:10 p.m. Panel discussion

12:30 p.m. Questions from the audience

12:50 p.m. End of the session



WORKSHOP A3

Security and data security for industry

1 February 11:20 a.m. – 12:50 p.m.

The workshop will focus on:

- What are the prerequisites for a secure and trustworthy treatment of data and a reliable protection of inter-company communication?
- What can companies do today to ensure security?
- How to share actions at national and European level?
- What are the priorities for European cooperation?

11:20 a.m. Welcome and introduction
Klaus-Dieter Wolfenstetter

Jakub Boratynski, Head of Unit Cybersecurity and Digital Privacy, European Commission,
DG CONNECT

Michael Jochem, Director Connected Industry, Robert Bosch GmbH

Axel Krein, Senior VP, Airbus

Hubert Tardieu, Advisor of CEO, Atos SE

Guillaume Adam, Head of Services, FIEEC, responsible for regulatory affairs

Panel discussion

Questions from the audience

12:50 p.m. End of the session





WORKSHOP B1

Digital Innovation Hubs: Mainstreaming digital innovation across all sectors

1 February 1:50 p.m. – 3:30 p.m.

The workshop will present the results achieved in Working Group 1 of the DEI initiative. It will also discuss issues and actions needed, with a focus on:

- An exchange of best practices between already existing Digital Innovation Hubs/competence centres
- Examples of what regions/member states can do to strengthen local presence of Digital Innovation Hubs
- Measures that the EU will be taking to support a network of Digital Innovation Hubs

The session will be moderated by **Werner Kohnert**, Deutsches Zentrum für Luft- und Raumfahrt e.V. (DLR)
Digitale Anwendungen - Mittelstand-Digital

1:50 p.m. Welcome and introduction

Anne-Marie Sassen, Deputy Head of Unit Technologies and Systems for Digitising Industry,
DG CNECT

2:00 p.m. Mittelstand 4.0-Kompetenzzentrum Dortmund: An SME Enabling centre for digital transformation – Services, experiences and actual needs of German Mittelstand

Maria Beck, Managing Director, Mittelstand 4.0-Kompetenzzentrum Dortmund, Part of BMWi-Initiative Mittelstand-Digital

Digital Hub Dortmund as cluster upgrade – New formats for innovative collaboration of industry and science to foster faster digital transformation and market success

Thorsten Hülsmann, CEO, EffizienzCluster Management GmbH

Experience from ACTPHAST with supporting photonics innovation in European companies: Lessons learned and impact achieved

Hugo Thienpont, Vrije Universiteit Brussels

2:20 p.m. Discussion

2:40 p.m. JIC Innovation Park: A catalyst for innovation and growth in South Moravia

Adéla Hradilová, JIC, Czech Republic

Setting up a Digital Innovation Hub in Poland: Experience with the mentoring programme of I4MS
Sanyu Karani, CEO, FundingBox, Poland

The foreseen catalogue on Digital Innovation Hubs

Maurits Butter, TNO, NL

Initial ideas on EU level actions in the next Horizon 2020 work programme to reinforce networking of Digital Innovation Hubs

Ronan Burgess, DG CONNECT

3:10 p.m. Discussion

3:30 p.m. End of the session



WORKSHOP B2

Strengthening leadership in digital technologies and in digital industrial platforms across value chains in all sectors of the economy

1 February 1:50 p.m. – 3:30 p.m.

The workshop will present the results achieved in the different sub-working groups of the Working Group 2 of DEI initiative. It will also discuss issues and actions needed, with a focus on:

- Stocktaking of results after the first two meetings of WG2
- Alignment of national programmes, coordination between different PPPs and focused investment by the EU, member states and industry
- Transition towards large-scale initiatives to reach the critical mass that is needed to realise the full value of digital industrial platforms

The session will be moderated by **Max Lemke**, European Commission and **Thomas Hahn**, Siemens, Labs Network Industrie 4.0

1:50 p.m. Welcome and introduction

Max Lemke, Head of Unit Technologies and Systems for Digitising Industry, DG CNECT

2:00 p.m. Connected smart factories: Industry-driven platforms to master the value chains in manufacturing

Maurizio Gattiglio, Executive Vice President Prima Electro S.p.A., Chairman of European Factories of the Future Research Association (EFFRA)

2:10 p.m. Smart Agriculture: Sustainability and efficiency to be gained through integrated solutions supported by appropriate digital platforms

Luis Perez-Freire, Executive Director GRADIANT & Chair, Smart Agri working group of the IoT Alliance

2:20 p.m. Digital Transformation of Health and Care: New opportunities to address demographic and economic challenges

Dr. Jan Van den Biesen, Vice President Public R&D Programmes, Philips Research

2:30 p.m. IDPs: Crucial for the digitisation of industrial production and for further use of data

Boris Otto, Fraunhofer ISST, Big Data Value PPP

2:40 p.m. Internet of Things: Cross-cutting integration platforms across sectors

Dr. Ovidiu Vermesan, Chief Scientist, SINTEF ICT

2:50 p.m. Discussion

3:30 p.m. End of the session



WORKSHOP B3

Regulatory challenges for digitising industry

1 February 1:50 p.m. – 3:30 p.m.

The workshop will deal with the key regulatory issues for digitisation of industry, namely creating a data economy, securing the free flow of data and safeguarding product liability.

It will address the general question: How can intelligent and autonomous systems be regulated in the future?

1:50 p.m. Welcome and introduction

Dr. Alexander Duisberg, law firm Bird&Bird

Andrea Bertolini, Scuola Superiore Sant'Anna

Maria Spiliopoulou, Deputy Head of Unit B4 DG GROW, European Commission

Bernhard Fischer, Chief IP Attorney and Vice President, SAP

Celina Ramjoué, Deputy Head of Unit G1 DG CONNECT, European Commission

Panel discussion

Questions from the audience

3:30 p.m. End of the session





Meet a national initiative

The speed dating session “meet a national initiative” shall provide the opportunity to the participants of the conference to get to know other European countries’ efforts and products in the context of digitising industries.

During the coffee break, national initiatives will present their work either at one of the booths in the exhibition area or at “country tables” which will be set up in the event location. These tables will be marked by the respective national flag and provide the opportunity to showcase publications and personally engage with other participating countries to foster an exchange of ideas and results during the speed dating session.

Having one hour to engage with each other, the national initiatives can conduct short presentations, distribute leaflets and publications or just talk to interested persons.

Every 10 minutes, a sound signal will remind the participants to move on to the next national initiative to ensure a broad exchange.

