



Skills for Industry: Robotics and schools conference

Brussels
23 Jan 2020
9:30 - 16:30

#skills4industry

About this conference

The rise of new advanced technologies is transforming the nature of jobs. The attraction and development of talents in the field of technology is of utmost importance to ensure Europe's competitiveness. It is therefore important to overcome the current barrier between education and industry.

The conference is the second part of a project aiming to anticipate the foreseen wide use of robots and co-bots in the workplace of the future. By bridging the gap between school and robotics, it helps prepare pupils for a world where automation will be ubiquitously at their disposal.



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Brussels 23 January 2020, 9:30 – 16:30
Thon Hotel Rue de la Loi 75, 1040 Brussels (Room: Belgium II & III)

AGENDA

09:00 – 09:30 Arrivals, registrations and welcome coffee

09:30 – 10:00 Welcome

- Ms Ulla Engelmann, Head of Unit for Advanced technologies, Clusters, and Social Economy, Directorate-General for Internal market, Industry, Entrepreneurship and SMEs (GROW)
- Ms Aino-Maija Luukkonen, Mayor of the City of Pori, Finland

10:00 – 10:30 Setting the scene

- Dr Susanne Bieller, General Secretary, International Federation of Robotics
- Prof. Anna Brancaccio, Director, Italian Ministry of Education

10:30 – 11:30 EC policies and robotics-industry-education related activities

Moderator: Ms Ulla Engelmann, Head of Unit for Advanced technologies, Clusters, and Social Economy, Directorate-General for Internal market, Industry, Entrepreneurship and SMEs

- Mr Stefaan Hermans, Director for Policy Strategy and Evaluation, Directorate-General Education, Youth, Sport and Culture (EAC)
- Mr Alexander Riedl, Deputy Head of Unit for Digital Economy and Skills, Directorate-General for Communications, Networks, Content & Technology (CNECT)
- Mr Joao Santos, Deputy Head of Unit for Vocational Education and Training, apprenticeships & adult learning, Directorate-General for Employment, Social Affairs and Inclusion (EMPL)
- Mr Mikhail Simonov, Policy Officer for the Machinery Directive, Directorate-General for Internal market, Industry, Entrepreneurship and SMEs (GROW)
- Mr Alexandru Padurean, Policy Officer for Labour and Taxation, Directorate-General for Research and Innovation (RTD)

11:30 – 11:45 Coffee break

11:50 – 12:30 Skills and Robotics

- Ms Fiorella Operto, Board of Directors, Scuola di Robotica, Italy
- Ms Luigia Tiberi, Product Manager, Comau, Italy & Mr Matteo Bonanno, STEM & Robotics Training Specialist, Pearson, Italy
- Ms Margareta Chesaru, Public Affairs Manager, UiPath

12:30 – 13:00 Example of best practices: industry and schools cooperation

- Mr Hans Werner Meurer and Mr Christian Zimbelmann, Teachers, Hans-Dietrich-Genscher Schule, Germany & Mr Armin Schlenk, Director Marketing Europe, Yaskawa

13:00 – 13:50 Lunch break

14:00 – 14:15 The Pori workshop – Main learnings for a successful project of robotics in schools: the importance of links with industry

- **Dr Uwe Haass – rapporteur of the Pori workshop**

14:15 – 15:45 Robotics / schools partnerships Round Table: views from different stakeholders

Moderator: Mr Andrei Bunis, Policy Officer for Big Data and Artificial Intelligence, Directorate-General for Internal market, Industry, Entrepreneurship and SMEs

- **Ms Bianca Muntean, Executive Director, Transilvania IT Cluster**
- **Ms Lavinia Cinca, Public Relations Manager, EU Robotics**
- **Mr Marc Durando, Executive Director, European Schoolnet**
- **Mr Vahur Orrin, Director of Robotex Finland**
- **Mr Mihai Agape, Expert teacher in integrating robotics in formal education, Palatul Copiilor Drobeta Turnu Severin, Romania**
- **Mr Thorsten Leimbach, Head of Smart Coding and Learning, Fraunhofer-Institut für Intelligente Analyse- und Informationssysteme IAIS**

15:45 – 16:00 Robotics out of the box

- **Ms Biljana Vickovic and Ms Irina Tomic, expanded media artists – The social role of robots**

16:00 – 16:30 Wrap-up session

- **Mr Slawomir Tokarski, Director for Industrial Policy and Innovation, Directorate-General for Internal market, Industry, Entrepreneurship and SMEs (GROW)**

This event is organised by the European Commission DG Internal Market, Industry, Entrepreneurship and SMEs (DG GROW) with the support of European Schoolnet, the network of 34 European Ministries of Education not-for-profit organisation, which aims to bring innovation in teaching and learning to Ministries of Education, schools, teachers, researchers, and industry partners as part of its STEM Alliance initiative.



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