Technology transfer: paving the way for advanced manufacturing

Brussels, Committee of the Regions
25 February 2015
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Programme
Wednesday, 25 February 2015
Committee of the Regions (COR), Room JDE 52,
Rue Belliard 99-101, Brussels, Belgium

08:30 – 09:30
Registration and welcome

09:30 - 10:00
Opening session

Vladimír Šucha, Director-General, Directorate-General Joint Research Centre, European Commission

Daniel Calleja Crespo, Director-General, Directorate-General for Internal Market, Industry, Entrepreneurship and SME’s, European Commission

Jan Eric Sundgren, Chairman of the Business Europe´s working group on research and technological innovation

Maurizio Gattiglio, Chairman of the European Factories of the Future Research Association (EFFRA)

10:00 - 10:30
Setting the scene

Technology transfer: an emerging discipline supporting the growth of European manufacturing. Giancarlo Caratti, Head of Unit, Intellectual Property and Technology Transfer, Directorate-General Joint Research Centre, European Commission

Mechanisms for technology transfer in manufacturing. Engelbert Westkämper, Professor at the University of Stuttgart and member of the ManuFuture high level group

Advanced manufacturing technology integration in industry: barriers and success levers. Bertrand Fillon, Vice President of European Affairs at CEA/LITEN

10:30 - 11:00
Coffee break

11:00 - 12:30
Session I - From research to market: the role of technology transfer

Chair: Frank Treppe, Director Corporate Strategy and International Affairs Fraunhofer-Gesellschaft - Vice-President of the European Association of Research and Technology Organisations (EARTO)

QCOALA, Quality Control of Aluminium Laser-welded Assemblies, Simon McCaldin, TWI

DYNXPERTS, Plug and Produce Components for Optimum Dynamic Performance Manufacturing System, Juanan Arrieta, IK4 IDEKO

Development of a wireless manual guidance device for intuitive programming of industrial robot and additional examples, Claudio Cenati, the National Research Council (CNR)


The solar receiver tubes for thermodynamic power plants, Marco Alvisi, the Agency for New Technologies, Energy and Sustainable Economic Development (ENEA)

Q&A
12:30 - 13:30  Networking lunch

13:30 - 15:00  Session II - Technology adoption in the industrial sector

Chair: **Mark Nicklas**, Deputy Head of Unit, Innovation Policy for Growth, Directorate-General Internal Market, Industry, Entrepreneurship and SME's, European Commission

*3D printing for the aeronautics industry of the future, Paolo Gennaro, AVIO AERO, GE Aviation Business*

*3D Food printing: the Barilla collaboration, Egbert Jan Sol, TNO*

*Optimum design of automotive structures using thermoplastic composites, Georg Steinbichler, ENGEL AUSTRIA GmbH*

*COMET, Plug-and-produce Components and Methods for adaptive control of industrial robots enabling cost effective, high precision manufacturing in factories of the future, Jan Willem Gunnink, Delcam*

Q&A

15:00 - 16:30  Round table: challenges, lessons learned and policy actions

Chair: **Jan Eric Sundgren**, Senior Adviser to the CEO of Volvo Group

*Gregor Strauch*, Head of department Innovation and Healthcare - BDI Germany

*Željko Pazin*, Executive Director, European Factories of the Future Research Association (EFFRA)

*Patricia Wolny*, Project Manager, SEZ Steinbeis-Europa-Zentrum, Enterprise Europe Network, European Commission

*Vincent Ryckaert*, Patent officer, IMEC Business Development

*Peter Churchill*, Advisor for Scientific Development, Directorate-General Joint Research Centre, European Commission

*Andrea Gentili*, Deputy Head of Unit, Advanced Manufacturing Systems and Biotechnologies, Directorate-General for Research and Innovation

*Nikos Pantalos*, Unit Innovation Policy for Growth, Directorate-General Internal Market, Industry, Entrepreneurship and SME’s, European Commission

Q&A
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