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GOSPODARSTWA

Wrocław 24-25 October 2011

West and East Europe in global High Added Value Manufacturing

MANUFUTURE 2011 CONFERENCE PROGRAMME

23 OCTOBER 2011, SUNDAY:

- 17:00 International Advisory Committee meeting
20:00 Welcome reception at Town Hall of Wrocław

24 OCTOBER 2011, MONDAY:

- 08:00 Registration

Official Conference Opening

Chair: Prof. Edward Chlebus - Wrocław University of Technology, Poland

- 09:00 **Marshal of Lower Silesia Region** – Rafał Jurkowlaniec
President of Wrocław – Rafał Dutkiewicz
Vice-Minister of Economy – Grażyna Henclewska
Minister of Science and Higher Education – Prof. Barbara Kudrycka
Rector of Wrocław University of Technology – Prof. Tadeusz Więckowski
General Director of Directorate-General for Research and Innovation (RTD), European Commission

PLENARY SESSION 1:

Implementation of ManuFuture Strategic Research Agenda

Chair: Dr. Filip Geerts – CECIMO, Belgium

- 09:40 **The role of Manufacturing for the European Economy**
Dr. Herbert von Bose, Director of Directorate G – Industrial Technologies, DG Research and Innovation (RTD), European Commission
- 10:00 **European Industry in High Added Value Global Manufacturing – facts and challenges**
Prof. Heinrich Flegel, Chairman of ManuFuture HLG, Member of the Supervisory Board, Daimler AG, Germany
- 10:20 **Next Generation Manufacturing**
Prof. Engelbert Westkämper, Member of ManuFuture ISG, Director of Fraunhofer IPA, Germany
- 10:40 **European Innovation Partnership – New Industry**
Prof. Francesco Jovane, Chairman of ManuFuture ISG, Politecnico di Milano, Italy
- 11:00 Session closing
11:05 Coffee break

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PLENARY SESSION 2:

High Added Value in Global Manufacturing

Chair: *Prof. Engelbert Westkämper* – Fraunhofer IPA, Germany
Prof. David Williams – Loughborough University, UK

- 11:30 **PPP “Factories of the Future” current stage and perspectives**
Dr. Massimo Mattucci, COO, COMAU SpA, Chairman of EFFRA, Italy
- 11:50 **Why and how to keep European Advanced Manufacturing globally competitive?**
Dr. Filip Geerts, General Director, CECIMO, Belgium
- 12:10 **Mining Machines Producer on Global Market**
Dr. Andrzej Meder, CEO, ZMM KOPEX Group, Poland
- 12:30 Session closing
- 12:35 Lunch

PARALLEL WORKSHOPS:

Advancements in Manufacturing R&D

	WS1	WS2	WS3	WS4	WS5	WS6
13:40	New emerging manufacturing science and technologies	ManuFuture sub-platforms	ManuFuture National and Regional initiatives	EU Success Stories	ICT and e-Manufacturing	Future mining
	Chair: <i>Christoph Hanisch</i> , FESTO, Germany	Chair: <i>Arun Junai</i> , TNO, Netherlands	Chair: <i>Jose Carlos Caldeira</i> , INESC-PORTO, Portugal	Chair: <i>Andrea Gentili</i> , European Commission	Chair: <i>Darek Ceglarek</i> , University of Warwick, UK	Chair: <i>Herbert Wirth</i> , KGHM S.A., Poland
	Co-chair: <i>Sue Dunkerton</i> , TWI Ltd, UK	Co-chair: <i>Augusta Maria Paci</i> , DPM - CNR, Italy	Co-chair: <i>Michel Carton</i> , CETIM, France	Co-chair: <i>Anna Voseckova</i> , Czech Liaison Office for Research and Development, Belgium	Co-chair: <i>Bożena Skołod</i> , Gliwice University of Technology, Poland	Co-chair: <i>Milan Grohol</i> , European Commission

15:00 Coffee break



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PLENARY SESSION 3:

Cooperation and Partnership of EU Countries with New Members States (NMS), Balkan Countries as well as EECA Region and Turkey – Facts and Challenges

Chair: *Prof. Volodymyr Kovalenko* – National Technical University of Ukraine "KPI", Ukraine
Dr. Daniel Richet – CETIM, France

- 15:30 **R&D in Russia and the possibility of cooperation with the EU in the framework of European and international programs**
Prof. Sergey V. Serebriannikov, Rector of Moscow Power Engineering Institute (Technical University), Russia
- 15:50 **View from EECA region**
Prof. Sergey Sidorenko, Vice-Rector, National Technical University of Ukraine "KPI", Ukraine
- 16:10 **New Member States' perspective on West-East Europe today's cooperation**
Prof. Milan Gregor, President, CEIT – Central European Institute of Technology, Slovakia
- 16:30 **Creating a business and technology infrastructure for innovation**
Dr. Dalibor Marijanović, General Manager, Business Innovation Center of Croatia (BICRO), Croatia
- 16:50 **ManuFuture and the Gap between East and West**
Prof. Ömer Anlağan, Vice-President, TÜBITAK, Turkey
- 17:10 **Round-table debate** related to CSF ideas and EU Strategy 2020/2030 moderated by *Prof. Michał Kleiber* - President of Polish Academy of Science, with participation of *Prof. Jerzy Buzek*, *Prof. Krzysztof J. Kurzydłowski* - President of the National Centre for Research and Development (NCBiR), and EU Parliament members, representatives of OEMs as well as ManuFuture HLG members
- 17:50 Session closing
- 18:00 Transfer to hotels and back to conference venue
- 19:30 **Dinner**

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08:00 Registration

25 OCTOBER 2011, TUESDAY:

PLENARY SESSION 4:

West-East Europe Industrial Cooperation in Innovation - Case Studies

Chair: Mr. Krzysztof Gulda – Polish Ministry of Science and Higher Education

Dr. José Carlos Caldeira – INESC Porto, Portugal



08:30 **Cooperation in innovation of manufacturing systems for Medium Size Technology Companies**

Dr. Hans-Martin Schneeberger, President and CEO, Schneeberger Holding AG, Switzerland



08:50 **Danube Strategy and Turkey's Role in the Region within the Context of High Added Value Manufacturing, Environment and Logistics**

Dr. Bilge Imer, Aselsan Inc., Turkey

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09:10 **Environmental Technology in the Volvo Bus Cooperation**

Mr. Detmar Kampmann, President, Volvo Poland Industry

09:30 Session closing

09:40 Transfer to parallel events



Parallel Events



10:00

Industrial visits to companies in Wrocław and its neighborhood	Brokerage event related to FP7 and other projects financed from public funds (09:00 - 12:30)	Special session related to ManuFuture Village Umbrella Initiative called "South East Europe Contributions for the New Industries European Innovation Partnership"	Special session related to Micro - and Nanomanufacture in the frame of CSA MINAM 2.0	Exhibition of potential of regional companies and national institutions
		Chair: <i>Liviu Jalba</i> , Microelectronica S.A., Romania	Chair: <i>Neophytos Neophytou</i> , European Commission	
		Co-chair: <i>Engelbert Westkämper</i> , Fraunhofer IPA, Germany	Co-chair: <i>Susan Anson</i> , Karlsruhe Institute of Technology (KIT), Germany	



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12:30 Lunch



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PARALLEL WORKSHOPS:

West-East Europe cooperation support and interaction

	WS1	WS2	WS3	WS4	WS5
13:30	Old and New EU Member States today's partnership Chair: <i>Edward Chlebus</i> , Wrocław University of Technology, Poland Co-chair: <i>Elisabeth Sagström</i> , Swerea IVF AB, Sweden	SMEs in transforming European economies Chair: <i>Anne Mallaband</i> , European Commission Co-chair: <i>Tatjana Sibalija</i> , European University, Serbia	Public engagements activities Chair: <i>José-Lorenzo Vallés</i> , European Commission Co-chair: <i>Alexander Pogany</i> , Federal Ministry for Transport, Innovation and Technology, Austria	Effective models of academia-research-industry cooperation Chair: <i>Rikardo Bueno</i> , Tecnalia, Spain Co-chair: <i>Katrin Reschwamm</i> , EUrelations AG, Switzerland	Industrial education Chair: <i>George Chrystolouris</i> , University of Patras, Greece

15:00 Coffee break

PLENARY SESSION 5:

Conference closing

Chair: **Dr. Herbert von Bose** – European Commission

Prof. Heinrich Flegel – ManuFuture HLG, Daimler AG, Germany

15:15 Wrap-up of chosen special sessions and parallel workshops
 General debate (lead by ManuFuture member)
 Official ceremony of the **William Millar ManuFuture Award**

16:00 Ceremony of hanging over the ManuFuture flag to the next organizers and closing the conference