



Programme and Invitation

7th Workshop of the MANUFUTURE AET-Community and UNIFARM User Forum

**The UNIFARM User Forum and the MANUFUTURE AET-
Workshop will be held in cooperation with the**

71st International Conference
on Agricultural Engineering

LAND.TECHNIK AgEng 2013
Solutions for Intelligent and Sustainable Farming

www.vdi.de/landtechnik-ageng

Verein Deutscher Ingenieure VDI e.V.
VDI Wissensforum GmbH

Date: Nov. 8th 2013
Time: 8:00 – 15:30
Location: Convention Center (CC), Deutsche Messe AG, Hanover
Room 13/14 (and room 2 for joint plenary session)
Hanover, Germany - Exhibition Ground
Conference language: English

8:00 **Registration and Welcome Coffee**

8:30 **Section 1:
Agricultural Engineering Research Objectives**

Chairman: Prof. Dr. Peter Pickel
John Deere ETIC, Germany – Speaker of MANUFUTURE Sub-ETP AET

8:30 – 9:00 **Section 1a) – European Research Focus**

<p>Key-Note Speech for MANUFUTURE: Concepts for Manufacturing in 2030 Univ.-Prof. Dr.-Ing. Prof. E.h. Dr.-Ing. E.h. Dr. h.c. mult. Engelbert Westkämper i.R. Fraunhofer Institute for Manufacturing Engineering and Automation IPA, Germany</p>
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9:00 – 10:00 **Section 1b) – European Objectives under Horizon 2020**

Research Prospective in Support of Production Technologies
Carmine MARZANO, European Commission, DG Research and Innovation,
Directorate G (NMP)

Research Prospective in Support of Agricultural Technologies
Dr. Hans-Jörg Lutzeyer, European Commission, DG Research and Innovation,
Directorate E (KBBE)

Future Research Needs Seen from Point of End Users
Dr. Tania Runge, Copa-Cogeca, European farmers & European agri-cooperatives

10:10 **Coffee Break**

10:30 **Section 2: UNIFARM Views on Agricultural Engineering
Strategies**

Chairman: Tamme van der Wal
AeroVision BV, The Netherlands – Project Coordinator UNIFARM CSA

The UNIFARM White Paper
Henk Janssen, Alterra, The Netherlands

Vision and Research Agenda
Jens Fehrmann, TU Dresden, Germany, General Sec. AET

Practical Experiences with GNSS
Cor de Kuijper, Trimble/Omnistar, The Netherlands

11:50 **Break**

12:00 **Joint Plenary Session with LAND.TECHNIK AgEng 2013**

Agricultural Engineering: A Key Discipline Enabling Agriculture to Deliver Global Food Security

Prof. Jane Rickson PhD, National Soil Resources Institute, Dept. of Environmental Science and Technology, School of Applied Science, Cranfield University, Cranfield, United Kingdom

13:00 **Lunch Break**

13:30 **Section 3: EU Key Objectives, Projects & Research Results**

Chairman: Prof. Dr. Peter Pickel, John Deere GmbH & Co. KG, Technology Innovation Center, Germany

13:30 – 14:00 Section 3a) – Objectives of the MANUFUTURE AET Working Groups

Plant Production

Prof. Dr. Peter Pickel

Animal Production

Prof. Dr. Aad Jongebreur

Renewables and Bioenergy

Heinrich Prankl / Dr. Josef Rathbauer

14:00 – 15:00 Section 3b) – European Research Focus

Agricultural Mobile Service Robotics in the Context of Horizon 2020

Thilo Steckel, CLAAS Selbstfahrende Erntemaschinen GmbH, Germany

European Innovation Partnerships to Foster Agricultural Research

Dr. Martin Scheele, European Commission, DG for Agriculture and Rural Development

Outlook by European Research Area Network ICT-Agri

Iver Thysen, Danish Agency of Science, Technology and Innovation

15:00 – 15:30 Section 3c) – Thoughts of the AET-related Community

Discussion of new topics for a AET Implementation Plan targeting to HORIZON 2020, Summarizing Ideation Session from AET's Workshop No. 6 in Valencia and Concluding Remarks

All moderated by section chairman

15:30 **End**

DETAILS ON THE PARTICIPATION

- Date: Nov. 8th 2013
- Location: Convention Center (CC), Deutsche Messe AG, Hannover
Room 13/14 (and room 2 for joint plenary session)
Hanover, Germany - Exhibition Ground
- Costs: There is no participation fee. Please note that we require you to register. Participation in the LAND.TECHNIK AgEng conference needs separate registration and will be charged by VDI Wissensforum. For registered participants of the MANUFUTURE AET workshop, only participation in the Joint Plenary Session and the Joint Coffee Break are free of charge.
- Registration: Please register by email to Jens Fehrmann, Technical University Dresden
Mail to: fehrmann@ast.mw.tu-dresden.de

The confirmed registration will be sent out shortly before the conference and will be needed to access the Convention Center on the Exhibition Ground

- Travel by car: Arrival via expressway to the exhibition center, "Parkhaus Süd 26" basement, (parking free of charge from 8am to midnight). Access to the Convention Center is possible through the "Ost 3" entrance via the "Skywalk" and the Exponale.
- Public transportation: From Hannover central station via subway line 8 to terminal station "Hannover Messe/Nord", access to the Convention Center through the "Nord 2" entrance.

Access to the Convention Center through entrances "Süd" and "Nord" of the Exhibition Ground will be closed

- Links:
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| Accommodation | www.hrs.de |
| Venue | www.messe.de |
| UNIFARM | www.project-unifarm.eu |
| MANUFUTURE | www.manufuture.org |
| MANUFUTURE Summit | www.manufuture2011.eu |
| LAND.TECHNIK AgEng | www.vdi.de/landtechnik-ageng |
| CORDIS | cordis.europa.eu/en/home.html |
| National Contact Points | cordis.europa.eu/fp7/ncp_en.html |
| This document | www.manufuture.org/manufacturing/?page_id=668 |

- Information: For any questions please contact our team:
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