



Programme and Invitation

**Collaborative Workshop of
ERA-Net ICT-AGRI and the
MANUFUTURE Sub- ETP Agricultural Engineering &
Technologies AET^{*)}**

in cooperation with the

73rd International Conference
on Agricultural Engineering

LAND. TECHNIK AgEng 2015

Innovations in agricultural engineering for efficient farming

www.vdi.de/landtechnik-ageng

Verein Deutscher Ingenieure VDI e.V.
VDI Wissensforum GmbH

and the

European Society of Agricultural Engineers (EurAgEng)

Date: Nov. 6th 2015

Time: 8:30 – 15:30

Location: Convention Center (CC), Deutsche Messe AG, Hannover
Room 13/14. (and room 1 for joint plenary session)
Hannover, Germany - Exhibition Ground

Conference language: English

^{*)} 8th Workshop of the MANUFUTURE AET-community

8:30 Registration and Welcome Coffee

9:00 Section 1:
Agricultural Engineering Research Objectives

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

1. Research Prospective in Support of Agricultural Technologies
Dr. Hans-Jörg Lutzeyer, European Commission, DG Research and Innovation, Agri-Food Chain Unit
2. The IoT Large Scale Pilot topic "Smart Farming and Food Security"
Ana CUADRADO GALVÁN, European Commission, DG Agriculture and Rural Development, Research and Innovation Unit
3. AIOTI Working Group on Smart Farming and Food Security,
Luis Pérez Freire, Executive Director, Gradiant – Centro Tecnológico de Telecomunicaciones de Galicia
4. SCAR-Foresight – Visions for the future
Dr. Elke Saggau, Chair of the Foresight Group, Head of Unit European Research Affairs, Federal Office for Agriculture and Food (BLE)
5. GALILEO Funding Opportunities
Reinhard Blasi, Market Development Officer, EDAS, European Global Navigation Satellite Systems (GSA)

10:15 Coffee Break

10:30 Section 2: Reports from MANUFUTURE AET & ERA-Net ICT-AGRI

Chairman: Jens Fehrmann
Technical University Dresden – Gen. Secretary of MANUFUTURE Sub-ETP AET

6. Review of MANUFUTURE AET Activities 2014/15 and Objectives
Peter Pickel, John Deere ETIC - MANUFUTURE Sub-ETP AET
7. Research Perspectives for Production Technologies
Patrick Kennedy, European Factories of the Future Research Association (EFFRA)
8. ERA-Net ICT-AGRI
 - a. The ERA-Net and its Objectives (Introduction)
Iver Thysen, Innovation Fund Denmark, Coordinator ICT-AGRI
 - b. ICT-AGRI Action Plan 2016 - Upcoming Funding Opportunities under ICT-AGRI
Jan Erpenbach, Federal Office for Agriculture and Food (BLE), Project Manager ICT-AGRI
 - c. EIP Focus group "Mainstreaming Precision farming"
Juergen Vangeyte, ILVO Belgium

11:50 Break

12:00 Joint Plenary Session with LAND.TECHNIK AgEng 2015
Room 1

Welcoming Addresses by

Peter Pickel, President of VDI-Max-Eyth Society for Agricultural Engineering

Emmanuel Hugo, President, EurAgEng, Aubiere

Carl-Albrecht Bartmer, President, DLG e.V., Frankfurt

Plenary lecture: Agricultural Technology – The Farmers View

Hubertus Paetow, Finkenthal

13:00 Lunch Break

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

Chairman: Jan Erpenbach, European Research Affairs, Federal Office for Agriculture and Food (BLE)

9. FarmFuse – Fusion of multi-source and multi-sensor information on soil and crop for optimized crop production
Abdul Mouazen, Senior Lecturer in Agri and Environmental Engineering, Cranfield Soil and Agrifood Institute
10. USER-PA – Usability of environmentally sound and reliable techniques in precision agriculture
Manuela Zude, Leibniz-Institute for Agricultural Engineering Potsdam-Bornim e. V. (ATB)
11. Funding Opportunities under Call SmartAgrifood II
Jan Willem Kruize, Wageningen UR, SmartAgriFood2 Consortium
12. Big Data in Agriculture – Funding Activity in Germany
Dimitri Warkentin & Anna Hoffmann, Innovation unit, Federal Office for Agriculture and Food (BLE)

15:30 End

DETAILS ON THE PARTICIPATION

Date:	Friday, Nov. 6 th 2015
Location:	Convention Center (CC), Deutsche Messe AG, Hannover Room 13/14 (and room 1 A&B 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.
Travel (others):	http://www.messe.de/en/deutsche-messe/exhibition-grounds/travel-accommodation
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:	Accommodation www.hrs.de Accommodation www.booking.com Venue www.messe.de MANUFUTURE www.manufuture.org LAND. TECHNIK AgEng www.vdi.de/landtechnik-ageng This document www.manufuture.org/manufacturing/?page_id=668
Information:	For any questions please contact our team: Fabienne Seibold - +49 631 36191 852 – Seibold.Fabienne@JohnDeere.com Jens Fehrmann - +49 351 463 32784 - Fehrmann@ast.mw.TU-Dresden.de