



*Working Group on
Agricultural Engineering Technologies*



Programme and Invitation

Agricultural Engineering Community Achieving Visions with Horizon Europe

**Collaborative Workshop of
ERA-Net ICT-AGRI FOOD,
CAPIGI foundation, and the
MANUFUTURE Sub-ETP Agricultural Engineering & Technologies AET^{*)}
in cooperation with the**

80th International Conference on Agricultural Engineering

LAND.TECHNIK AgEng 2023

<https://www.vdiconference.com/ageng/congress/>

by

Verein Deutscher Ingenieure VDI e.V.,
VDI Wissensforum GmbH,

and the

European Society of Agricultural Engineers (EurAgEng)

Date: Nov. 10th, 2023

Time: 8:30 – 15:30

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

Conference language: English

^{*)} 10th Workshop of the MANUFUTURE AET-community

8:30 Registration and Welcome Coffee

**9:00 Section 1:
Agricultural Engineering Objectives**

Chairman: **Prof. Dr. Peter Pickel**

John Deere, MANUFUTURE Sub-ETP AET

1. Research & Innovation in support of Agriculture Technologies – Instruments under Horizon Europe, the Digital Europe Programme
Dr. Doris Marquardt, Programme Officer – EU Policies, European Commission, DG CNECT, Unit E4
2. EIT Food – Catalyzing the Food Transformation in Europe
Dr. Georg Schirmacher, EIT FOOD, Regional Director West
3. Learnings from 4 years of piloting digital technologies across European farms
Dr. Srdjan Krčo, Co-founder & CEO of DunavNET
4. agrifoodTEF: The European Testing and Experimentation Facilities for Agrifood Innovation
Prof. Dr. Stefan Stiene, University of Applied Sciences Osnabrück

10:30 Coffee Break

10:45 Section 2: Reports from Agricultural Engineering Research Environment

Chairman: **Jens Fehrmann**, Technical University Dresden, General Secretary of MANUFUTURE Sub-ETP AET

5. Current EurAgEng-Structures
Prof. Dr. habil. Barbara Sturm, Leibniz Institute for Agricultural Engineering and Bioeconomy (ATB), Scientific Director, Chair of the Board - European Society Agricultural Engineers, President
6. ERA-Net ICT-AGRI-Food – Objectives, impact and future perspectives
Dr. Johannes Pfeifer, Federal Office for Agriculture and Food (BLE)
7. Activities of CAPIGI Foundation – Role of Data and Robotics in Agriculture
Tamme van der Wal, Dir. and Innovation Strategist, Agri-Dataservices BioScope
8. EU Funded Projects of the European Agricultural Machinery Ass. CEMA
Dr. Vanja Biševac, Research Manager, CEMA
9. Review of latest of MANUFUTURE AET and Strategic Research Agenda(s)
Prof. Dr. Peter Pickel, John Deere Fellow, Speaker of MANUFUTURE AET
Jens Fehrmann, Researcher, TU Dresden, Gen. Sec. of MANUFUTURE AET

11:55 Break

12:00 **Joint Plenary Session with LAND.TECHNIK AgEng 2023**
Room 1

Welcoming Addresses and Opening Remarks by

Dr. Markus Demmel

Chairman of VDI Max-Eyth-Society Agricultural Engineering (VDI-MEG)

Prof. Dr. Barbara Sturm

President of European Society for Agricultural Engineers (EurAgEng)

Hubertus Paetow

President of the Deutsche Landwirtschaft-Gesellschaft (DLG)

Plenary Speech – The future of responsible plant nutrition

Dr. Achim Dobermann

Chief Scientist, International Fertilizer Association (ifa)

13:00 **Lunch Break**

13:30 **Section 3: Role of Data, Information, and Related Regulations in Agriculture**

Chairman: **Dr. Thomas Engel**, Member of Supervisory Board of EIT Food, John Deere GmbH & Co. KG

10. Towards User-centered Solutions through Interoperable Data and AI Services in Agriculture

Dr. Sebastian Bosse, Fraunhofer Heinrich-Hertz-Institute

11. The EU Data and AI Acts

Dr. Francesca Hennig-Possenti, Senior Legal Counsel, John Deere, Chairwoman of the CEMA ad hoc group AI

12. EU Data Act and the Nature Restoration Law

Patrick Majcen, Austrian chamber of Agriculture

13. Corporate Sustainability Reporting Directive

NN (requested), DG Clima

15:30 **End**

DETAILS ON THE PARTICIPATION

- Date:** Friday, Nov. 10th, 2023
- Venue:** Convention Center (CC), Deutsche Messe AG, Hanover
Room 13/14 (and room 1 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 GmbH. For registered participants of this workshop, only participation in the Joint Plenary Session is free of charge.
- Registration:** Please register by email to Jens Fehrmann, Technical University Dresden

Mail to: jens.fehrmann@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

No. of participants is limited to 100 Persons.

- 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):** <https://www.messe.de/en/company/arrival/>
- Public transportation:** From Hanover 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

- Helpful links:**
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| Accommodation | www.hrs.com |
| Accommodation | www.booking.com |
| Venue | www.messe.de/en |
| ERA-NET ICT-AGRI | www.ictagrifood.eu |
| MANUFUTURE | www.manufuture.org |
| LAND.TECHNIK AgEng | www.vdiconference.com/ageng/congress/ |

- Information:** For any questions, please contact our team:
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