



TALLHEDA Project: 3rd Round of the Brainstorming Action

Organized by the Informatics Lab, AUA

Digital Agriculture in Action: Data, AI, Blockchain, and Digital Twins

- **Dates:** November 24-25, 2025
- **Venue:** Library and Information Centre "Alexandros Poulouvasilis", AUA
- **Registration:** Please press [here](#)
- **Online Access:**
 - Press [here](#) for online access 24/11
 - Press [here](#) for online access 25/11

Agenda

Day 1: Monday, November 24 th , 2025	
09:45 - 10:00	Arrival at the Library and Information Centre, AUA
10:00 - 10:15	Welcome by the Rectorate, AUA
10:15 - 10:30	Welcome by Prof. C. Costopoulou , Director of the Informatics Lab, AUA
10:30 - 11:45	Brainstorming Lecture by J. Vangeyte (ILVO) and V. De Cauwer (Ghent University/ILVO), Belgium ❖ Digital Twins on Soil ❖ Big data and Ai in agriculture: soil compaction and weed management
11:45 - 12:15	Coffee Break*
12:15 - 13:15	Brainstorming Lecture by F. Chatzipapadopoulos , Smart Agro Hub, Greece ❖ AI in farming, the essentials, the hype, and the reality
13:15 - 14:00	Lunch Break*
14:00 - 14:30	Presentation by V. Psiroukis , Research Associate, AUA ❖ Drone-based crop protection in the EU
14:30 - 15:00	Presentation by E. Karousis , PhD Candidate, AUA ❖ Novel sensors and DSS supported by machine learning and AI technologies to optimize nutrient and water supply and minimize environmental impacts in greenhouse crops
15:00 - 15:15	Presentation by K. Bougoulia , Senior Student, AUA ❖ Artificial Intelligence in Cotton Cultivation
15:15 - 15:30	Key Points Discussion



Day 2: Tuesday, November 25 th , 2025	
09:45 - 10:00	Arrival at the Library and Information Centre, AUA
10:00 - 10:15	Welcome by the Rectorate, AUA
10:15 - 11:15	Brainstorming Lecture by N. Kopilović and R. Nicin , TERRA, Serbia ❖ From Prediction to Action: Implementing Decision Support through AI and Digital Twins in Smart Farming
11:15 - 11:35	Presentation by M. Nikolopoulou , PhD Student, AUA ❖ Integrating sensor data and predictive models for dairy sheep welfare: A digital twin-oriented approach
11:35 - 12:00	Coffee Break*
12:00 - 12:20	Presentation by Prof. D. Kalivas , GIS Research Unit, AUA ❖ AGRILEARN : ERASMUS+ EU-funded project
12:20 - 12:40	Presentation by K. Papadouli , Head of Technology Transfer Office, AUA ❖ Supporting innovation and technology transfer in the Agricultural University of Athens
12:40 - 13:30	Lunch Break*
13:30 - 13:45	Presentation by the AUA team ❖ TRUSTFOOD : Digital Europe Project
13:45 - 14:45	AUA Students' Presentations on their Summer School Experience at UGent
14:45 - 15:30	Workshop in Data Sharing

***E-Session: Empowering Student Research through the TALLHEDA Project**
During coffee and lunch breaks, participants are invited to explore **e-poster presentations** showcasing innovative student research developed under the TALLHEDA project.



For more information, please contact:

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