



Venue: [Library](#) Amphitheatre, Agricultural University of Athens (AUA), Athens, Greece
Online (partial, live demonstrations not streamed): [available on Zoom](#)

09:00-09:30 | Welcome and Introduction

Setting-up, Greetings, Overview of the day & logistics

09:30-09:45 | ICAERUS General Overview

Project overview, objectives, and key achievements – **Spyros Fountas, Aikaterini Kasimati**

09:45-10:00 | ICAERUS Platform

Interactive overview of the ICAERUS Platform - **Alexandros Fournarakos**

10:00-11:00 | ICAERUS Use Cases Overview (10. min per UC)

UC1: Crop monitoring - **Salvador Calgua**

UC2: Drone spraying - **Vasilis Psiroukis**

UC3: Livestock monitoring - **Adrien Lebreton**

UC4: Forestry and biodiversity monitoring – **Sonata Grabusová, Adèle Janulionytė**

UC5: Rural logistics – **Kostas Grigoriadis**

11:00-11:20 | Coffee Break & Networking

11:20-12:50 | Live Demonstrations (Outdoor | Rotating Groups)

Interactive demonstrations with rotating groups (3 rotations × ~25 min each)

- **Station 1** – UC1: Drone Mapping, Spectral Insights & 3D Reconstruction
- **Station 2** – UC2: In-field Operations, Spray Drift Assessment & Mitigation
- **Station 3** – UC5: DaeDaLuS Platform: Drone-based Delivery Logistics Services

12:50-13:30 | Lunch & Networking

13:30-14:00 | Use Case Results Presentations

Advanced results beyond field demonstrations (~15 min each)

- UC3: Drone-based Animal Detection, Counting & Smart Monitoring Systems
- UC4: Forest Monitoring & Hyperspectral Imaging

14:00-14:40 | Innovation & Open Calls Showcase

Selected Open Call Trials (10 min each)

- **RODENT**: Drone-based Rodent Detection & Non-invasive Pest Control - **Vasilije Kovacevic, Marija Ratkovic**
- **HYGRI**: UAV-based Hyperspectral Monitoring for Early Crop Disease Detection - **Daniela Poli**

Sister Project:

- **SPADE**: Multi-purpose physical-cyber agri-forest drones ecosystem for governance and environmental observation - **Diogo Moreira, Brimoresa Dhoro**

14:40-15:10 | Roundtable Discussion: *Scaling Drone-Based Services in Agriculture: From Pilots to Real-World Adoption*

Moderator: Mackenzie Baert - **Participants:** Spyros Fountas, Viara Bojkova, Jurrian Doornbos, Vasilios Polychronos, Francesca Ydraiou, Giacomo Carli, Bruno Barrionuevo, Thanos Balafoutis

15:10-15:20 | Closing Remarks

Key takeaways, Future outlook, exploitation pathways & next steps

End of event