

Zaragoza (Spain), 29 September-3 October 2025

Timetable

Hour	Monday 29	Tuesday 30	Wednesday 1	Thursday 2	Friday 3
9:15-10:15	0.Opening session and programme presentation (1 hour)	2.1 Precision agriculture (1 h) J. Zarazaga	3.1 Smart livestock monitoring (1 h) X. Díaz de Otálora	5. Artificial Intelligence in Retail (2 h) J. Mallo	6 Artificial Intelligence in the agri-food system governance (2 h) A. Cots
10:15-11:15	1.1 Introduction to a digital agrifood 4.0 system (1 h.) G. Anzaldi	2.2 Plant breeding (1 h) I. Athanasiadis	3.2 Disease management and traceability (1 h) X. Díaz de Otálora		
11:15-11:45	Coffee break (0,5 h)				
11:45-12:45	1.2 Fundaments of Artificial Intelligence (1 h) L. Echeverria	2.3 Crop Disease and Pest Detection (1 h) F.J. Lacueva	3.3 Feed and production optimization (1 h) X. Díaz de Otálora	3.4 AI in Aquaculture (1 h) J. Lloret	7.2 Case study 2 – AI in agriculture: Fuspredict (1 h) J. Zarazaga
12:45-14:15	Lunch break (1,5 h)				
14:15-15:15	1.3 Artificial Intelligence methods (1 h) L. Echeverria	2.4 Optimization of irrigation and fertilization (1 h) I. Athanasiadis	4.1 Food processing: Quality and safety (1 h) F.J. Lacueva	4.2 Food processing: Automation in production lines (1 h) F. Flor-Montalvo	7.3 Case study 3 – AI in livestock monitoring (1 h) C. del Cuvillo
15:15-16:15	1.4 Application of Artificial Intelligence (1 h) L. Echeverria	2.5 Practical work 2: A decision support system for agriculture management (1 h) I. Athanasiadis, L. Echeverria	3.5 Practical work 3: Animal welfare assessment with sensors (1 h) X. Díaz de Otálora, L. Echeverria	4.3 Demand forecasting and logistics management (1 h) F. Flor-Montalvo	7.4 Case study 4 – AI in agrifood industry: Alimento21 Agrifood industry (1 h) L. Echeverría
16:15-16:30	Coffee break				
16:30-17:30	7.1 Case study 1 – GeoAgro: An AI-powered digital extension system for small holder farmers in the global South (1 h) A. Govind	2.5 Practical work 2: A decision support system for agriculture management (2 h) I. Athanasiadis, L. Echeverria	3.5 Practical work 3: Animal welfare assessment with sensors (2 h) X. Díaz de Otálora, L. Echeverria	4.4 Practical work 4: Computer Vision for Assessing Ripeness and Maturity Levels from UAV Data in Horticultural Crops (2 h) Borja Espejo-García, L. Echeverria	7.5 Case study 5 – AI in product’s price prediction (1 h) J. Zarazaga
17:30-18:30	1.5 Practical work 1: A data-driven project: CRISP-DM (1.5 h) L. Echeverria, I. Athanasiadis				8 Next wave of IA in the Agrifood system (1 h) J. Zarazaga
18:30-19:00					