

ICAS 2026 Program Overview

Please note that all times indicated in the program overview are in CEST (Central European Summer Time), corresponding to the local time in Bologna, Italy.

Schedule Overview

Day 1 – Wednesday, 21 October 2026

Check-in open from 08:00

8:00 AM – 5:20 PM Plenary Talk and Session 5 and 3

7:00 PM – 9:00 PM Conference Dinner at Trattoria Bolognese, Grand Tour Italia

Day 2 – Thursday, 22 October 2026

8:30 AM – 5:55 PM Session 2, 4 and 7

Day 3 – Friday, 23 October 2026

8:30 AM – 2:50 PM Session 6 and 1

2:50 PM – 3:10 PM Closing and Awards Ceremony

Abridged Program

Please note that the following schedule is subject to change.

	Wednesday, 21 October 2026		Thursday, 22 October 2026		Friday, 23 October 2026	
	Aula Magna		Aula Magna	Aula Guarnieri	Aula Magna	Aula Guarnieri
Morning	Opening Ceremony (Check-in from 8:00 AM) Plenary Lecture		S2. Crop Rotation and Management - An Agroecological Approach	S4. Biostimulants and Biocontrols for Use in Sustainable Systems	S6. Economics of Regenerative and Sustainable Farming Systems	S1. Pest Management in Farming for Sustainable Systems
	Coffee Break		Coffee Break		Coffee Break	
	Aula Magna	Aula Guarnieri				
	S5. Agroecology and Precision Agriculture	S3. Fertility Management in Sustainable Agricultural Systems	S2. Crop Rotation and Management - An Agroecological Approach	S4. Biostimulants and Biocontrols for Use in Sustainable Systems	S6. Economics of Regenerative and Sustainable Farming Systems	S1. Pest Management in Farming for Sustainable Systems
	Lunch Break & Poster Session A		Lunch Break & Poster Session B		Lunch Break	
Afternoon	S5. Agroecology and Precision Agriculture	S3. Fertility Management in Sustainable Agricultural Systems	S7. Agroecological approaches to soil management	S4. Biostimulants and Biocontrols for Use in Sustainable Systems	S6. Economics of Regenerative and Sustainable Farming Systems	S1. Pest Management in Farming for Sustainable Systems
	Coffee Break & Poster Session A		Coffee Break & Poster Session B		Closing & Award Ceremony	
	S5. Agroecology and Precision Agriculture	S3. Fertility Management in Sustainable Agricultural Systems	S7. Agroecological approaches to soil management	S4. Biostimulants and Biocontrols for Use in Sustainable Systems		
	Conference Dinner (7:00 PM)					

ICAS 2026 Detailed Program

Please note that all times indicated in the detailed program are in CEST (Central European Summer Time), corresponding to the local time in Bologna, Italy.

Day 1 – Wednesday, 21 October 2026

08:00-09:00	Registration & Check-in	
Aula Magna		
09:00-09:20	Opening Ceremony	
09:20-10:00	Prof. Diego Rubiales Plenary Speaker	Title to be confirmed
10:00-10:30	Coffee Break	

Following the coffee break, participants proceed to their respective rooms for the parallel sessions:

Aula Magna Session 5: Agroecology and Precision Agriculture		
10:30-10:35	Prof. Giovanni Dinelli Session Chair	Session Introduction
10:35-11:05	Prof. Giovanni Dinelli Keynote Speaker	The Agroecology Revolution: Redesigning Food Systems for Sustainability, Resilience and Social Justice
11:05-11:20	Gessica Altieri	Estimation of Hazelnut (<i>Corylus avellana</i> L.) Canopy Volume Using SLAM and UAV Point Clouds
11:20-11:35	Fernanda Nunes Maciel	When Technology Makes Sense: Personal Values and Digital Adoption by Small Dairy Farmers
11:35-11:50	Jean Franck Galliano	Computational Agroecological Identity: A Multidimensional Data Framework Linking Precision Assessment and Product Valorization
11:50-12:05	Maria (Marietta) Papakonstantinou	IoT-Assisted Organic Compost Production in Open Piles
12:05-12:20	Pasqualina Sacco	The potential contribution of artificial intelligence to the selection and use of farm machinery
12:20-13:20	Lunch Break & Poster Session A	

Aula Magna Session 5: Agroecology and Precision Agriculture		
13:20-13:25	Prof. Dr. Francesco Marinello Session Chair	Session Introduction
13:25-13:40	Paulo Henrique Montagnana Vicente Leme	What Drives Digital Agriculture Adoption? Evidence from the Brazilian Coffee Sector
13:40-13:55	Francisco Tugores	Predictor selection for ordinal classification of physiological fruit drop in persimmon: a comparison across rootstocks
13:55-14:10	Muhamet Zogaj	UAV-Based NDVI Assessment on Open-Field Pepper Production: A Case Study in Kosovo
14:10-14:25	Simona Pitardi	Physiological, Productive and Biodiversity Responses of <i>Vitis vinifera</i> L. cv. Primitivo under Agrivoltaic Conditions in a Mediterranean Vineyard
14:25-14:40	Devanakonda Venkata Sai Chakradhar Reddy	Retrieval of Wheat Nitrogen using Radiative Transfer Models and Machine Learning
14:40-14:55	Ivan Zyrianoff	TRACE: LoRaWAN-Based IoT Monitoring and Data Analytics for Medicinal and Aromatic Plant Cultivation in Emilia-Romagna
14:55-15:10	Roberto A. Braga	The Seed Dataset Library for Dynamic Laser Speckle Raw Images
15:10-15:45	Coffee Break & Poster Session A	
Aula Magna Session 5: Agroecology and Precision Agriculture		
15:45-15:50	Prof. Dr. Francesco Marinello Session Chair	Session Introduction
15:50-16:05	Emilia Pafumi	Mapping crop diversity with open remote sensing data: a regional application in NE Italy
16:05-16:20	Ayesha Khan	Growth performance of <i>Amaranthus tricolor</i> in response to varying light intensities in Controlled Environment Agriculture
16:20-16:35	Józef Tyburski	Effectiveness of mechanical precision weed control in organically grown soybean
16:35-16:50	Melissa Tamisari	Monitoring of Tomato Phenological Phases through MOX Gas Sensors and Machine Learning
16:50-17:05	Hafiza Komal Komal Naeem	Acoustic Vibration Priming Enhances Drought Resilience in Olive (<i>Olea europaea</i>) through Physiological and Biochemical Responses
17:05-17:20	Uladzimir Bury	Assessing floristic diversity in Latvian apple orchards: the role of land-use history and orchard management

19:00-21:00	Conference Dinner at Trattoria Bolognese, Grand Tour Italia
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Aula Guarnieri Session 3: Fertility Management in Sustainable Agricultural Systems		
10:30-10:35	Prof. Dr. Leslie Weston Session Chair	Session Introduction
10:35-11:05	Prof. Dr. Leslie Weston Keynote Speaker	Methylobacterium symbioticum SB0023 biostimulant results in enhanced growth and yield in dryland winter wheat
11:05-11:20	Oli Ahmed Fakir	Fertilizer-N supply modulates growth, yield, and N remobilization responses of dryland wheat to Methylobacterium symbioticum SB23
11:20-11:35	Martha Elena Domínguez-Hernández	Assessing Agroecological Functions of the Milpa Intercropped with Fruit Trees (MIAF) System in Central Mexico
11:35-11:50	Elisa Dominguez-Hernandez	Environmental impact of manure reallocation as a circular fertility management strategy in a small-scale mixed farm
11:50-12:05	Tanzila Rafique	Rootstock-Mediated Growth and Photosynthetic Responses of Grafted Tomato Seedlings under Drought Stress
12:05-12:20	John Vincent Abenoja Nate	Valorising Indigenous Irish Feedstock using the Framework of GROUND UP: Growth-media Reengineering using Organic Upcycled Nutrient Diversification for Upstream Production
12:20-13:20	Lunch Break & Poster Session A	
Aula Guarnieri Session 3: Fertility Management in Sustainable Agricultural Systems		
13:20-13:25	Prof. Dr. Leslie Weston Session Chair	Session Introduction
13:25-13:40	Wathsala Dissanayake	Development and Evaluation of a Waste-Derived Biodegradable Slow-Release Fertiliser for Improving Nitrogen Use Efficiency
13:40-13:55	Lorenzo Negri	Long-Term Sustainability of Wheat Production under Diversified Crop Rotations and Manure Supply in the Mediterranean Environment
13:55-14:25	Dr. Timothy Crews Keynote Speaker	Managing living roots to manage fertility
14:25-14:40	Brenda Antonella Medina Privatt	Development and Assessment of a Soy-Based Slow-Release Granular Fertilizer for Home Lawn Use
14:40-14:55	Leslie Ann Weston	Australian Dryland Wheat Growth and Yield Are Positively Impacted by a Methylobacterium symbioticum Biostimulant Under Reduced Nitrogen Supply
14:55-15:10	Artur Matevosyan	Optimization of a Hydroponic Nutrient Solution and Evaluation of Foliar Silicon Dioxide Nanoparticles under Salinity Stress in Cyamopsis tetragonoloba L.

15:10-15:45	Coffee Break & Poster Session A	
Aula Guarnieri Session 3: Fertility Management in Sustainable Agricultural Systems		
15:45-15:50	Prof. Dr. Leslie Weston Session Chair	Session Introduction
15:50-16:05	Roshni Vijayan	Harnessing rice reproductive traits for fertility management in sustainable systems
16:05-16:20	Nicola Cinosi	Olive Harvest Timing Affects Fruit Oil Accumulation and Carbohydrate Reserves in Trees
16:20-16:35	Susana Ferreira	Microbial Biofertilizers Sustain Apple Tree Performance under Reduced Mineral Fertilization
19:00-21:00	Conference Dinner at Trattoria Bolognese, Grand Tour Italia	

Day 2 – Thursday, 22 October 2026

08:30-09:00	Registration & Check-in	
Aula Magna Session 2: Crop Rotation and Management - An Agroecological Approach		
09:00-09:05	Assoc. Prof. Federica Zanetti Session Chair	Session Introduction
09:05-09:35	Assoc. Prof. Federica Zanetti Keynote Speaker	Improving Agriculture Resilience by Adopting Brassica-based Intercropping Systems
09:35-09:50	Lauren Tribbeck	Impacts of vining peas on soil carbon and nitrogen in a crop rotation
09:50-10:05	Maria Krtikashyan	Comparative Performance of Two Indigenous Armenian Grape Varieties, 'Black Kharji' and 'Yeghegnadzor Black', under the Conditions of the Armavir Region, Armenia
10:20-10:50	Coffee Break	
Aula Magna Session 2: Crop Rotation and Management - An Agroecological Approach		
10:50-10:55	Assoc. Prof. Federica Zanetti Session Chair	Session Introduction
10:55-11:10	Sunday Ebonka Nwajei	Effect of intercropping on the growth and grain yield of sorghum in the Czech Republic
11:10-11:25	Michele D'Angiolo	Dye Plants as Flower Strips for Sustainable Agroecosystems: a Comprehensive Analysis of Agronomic Performance, Pollinator Dynamics, Biological Potential
11:25-11:55	Prof. Per Kudsk Keynote Speaker	Pesticide Load Indicators: Tools with multiple applications
11:55-12:10	Jesmin Aktar	Digging Deeper: Dry Matter Allocation, Root Growth and Grain Production in Perennial Wheat derivatives
12:10-12:25	Roshni Vijayan	Mitigation of water stress and enhancing productivity of cowpea in summer rice fallows
12:25-12:40	Sumita Sen	Effect of crop management practices on rainfed winter wheat (Triticum aestivum L.) growth, physiology and yield components in corn-soybean-wheat rotation system
12:40-13:40	Lunch Break & Poster Session B	

Aula Magna Session 7: Agroecological approaches to soil management		
13:40-13:45	Prof. Dr. Mumtaz Akhtar Cheema Session Chair	Session Introduction
13:45-14:15	Prof. Dr. Mumtaz Akhtar Cheema Keynote Speaker	Industrial Waste Valorization for Sustainable Agricultures
14:15-14:45	Prof. Joshua D. Klein Keynote Speaker	Willow (<i>Salix acmophylla</i> Boiss.) irrigated with saline or treated waste water provides sustainable healthy feed supplements for goats, sheep and calves
14:45-15:00	Anna Lilian Gardossi	Satellite-based monitoring of crop residues: assessing NDTI reliability at the regional scale in Friuli Venezia Giulia
15:00-15:15	Glenn-Horland Pango	Influence of hedgerows on soil quality and macrofauna in three agricultural systems in the chalky Champagne region (France)
15:15-15:30	John Vincent Abenoja Nate	Qualitative Systems Model for Compost-Based Growing Media: Oxygen Demand, Salinity, and Nitrogen Immobilisation Risk
15:30-16:05	Coffee Break & Poster Session B	
Aula Magna Session 7: Agroecological approaches to soil management		
16:05-16:10	Prof. Dr. Mumtaz Akhtar Cheema Session Chair	Session Introduction
16:10-16:25	Alex Lindsey	Compost-Based Soil Management Improves Soil Health and Turfgrass Performance in Construction-Disturbed Sandy Soils
16:25-16:40	Janine Maree Joyce	Country, Collaboration, and Soil: Integrating Indigenous Knowledge in Transdisciplinary Agroecology
16:40-16:55	Julián Guzmán-Zavala	Characterization of Microbial Communities Dynamics in a Manure Solid-Liquid Separation System: A Shotgun Metagenomics Approach
16:55-17:10	Veronica Zuffi	Surface-Enhanced Raman Spectroscopy (SERS) of Deep Soil as a Tool for Cropping System Sustainability Evaluation
17:10-17:25	Adrija Dorbe	Nitrogen accumulation in field peas (<i>Pisum sativum</i> L.) under different tillage systems
17:25-17:55	Prof. Dr. Carlo Leifert Keynote Speaker	Regenerative soil and crop management in organic agriculture; a strategy to maintain fertile soils, healthy crops, food quality and human health

Aula Guarnieri Session 4: Biostimulants and Biocontrols for Use in Sustainable Systems		
09:00-09:05	Assoc. Prof. Francesco Vinale Session Chair	Session Introduction
09:05-09:35	Assoc. Prof. Francesco Vinale Keynote Speaker	From Biodiversity to Bioproducts: Exploring Nature’s Microbial and Chemical Resources for Sustainable Agricultural Innovation
09:35-09:50	Diana Di Gioia	Soil microbiota influence floral signals and pollinator attraction in sunflowers
09:50-10:05	Piper Sloan	Effects of Ascophyllum nodosum extracts on physiological and morphological function of drought-stressed canola
10:05-10:20	Marie Hielscher	Field Evaluation of Oregano (Origanum vulgare) Elicitation with Salicylic Acid and Methyl Jasmonate for Improved Crop Resilience and Quality
10:20-10:50	Coffee Break	
Aula Guarnieri Session 4: Biostimulants and Biocontrols for Use in Sustainable Systems		
10:50-10:55	Assoc. Prof. Francesco Vinale Session Chair	Session Introduction
10:55-11:10	Sadia Tabassum Tanni	Integrated physiological, biochemical and metabolomics elucidate stage and treatment-specific response in tomato under waterlogging, salt, and combined stress conditions during the flower and fruit initiation
11:10-11:25	Orsolya Papp	From Laboratory Screening to On-Farm Validation: Rhizobial Inoculation of Cowpea (Vigna unguiculata ssp. unguiculata) in Hungarian Organic Horticulture
11:25-11:40	Alberto Cavallito	Life cycle assessment of microbial biostimulant integration in legume cover crop systems: a comparative environmental modelling study for rain-fed wheat production in the Po Valley (Italy).
11:40-11:55	Shamsul Haque	Biostimulants and Biochar: Unlocking Phosphorus Uptake in wheat
11:55-12:10	Francesco Vinale	From biodiversity to bioproducts: exploring nature's microbial and chemical resources for sustainable agricultural innovation
12:10-12:25	Elisa Pellegrino	Differential effects of microbial consortia and single arbuscular mycorrhizal inoculation on durum wheat performance and root microbiome across Mediterranean environments
12:25-12:40	Victor Hugo Abarca	Reducing Synthetic and Irrigation Inputs in Zoysiagrass Lawns through Microbial Nitrogen Fixation

12:40-13:40	Lunch Break & Poster Session B	
Aula Guarnieri Session 4: Biostimulants and Biocontrols for Use in Sustainable Systems		
13:40-13:45	Prof. Alessio Cimmino Session Chair	Session Introduction
13:45-14:15	Prof. Alessio Cimmino Keynote Speaker	Beyond Strigolactones: Plant and Fungal Specialized Metabolites Interfering with Parasitic Weed Development
14:15-14:30	Ilaria Marotti	Biostimulant-based elicitation to improve bioactive compound accumulation in medicinal and aromatic plants under open-field conditions
14:30-14:45	Katya Valeria Pérez Ramos	Actinobacteria: biofungicides and biorremediators of agricultural soils
14:45-15:00	Zarqa Hassan	Green Synthesis of ZnO Nanoparticles from Cucurbita maxima Peels for Developing 3D Hybrid Structures and Agricultural Applications
15:00-15:15	Zaid Khan	Ericoid mycorrhizal fungi modulating rhizosphere, root architecture, and plant growth to mitigate the adversity of high-temperature stress on Rhododendron moulmainense
15:15-15:30	Koffi Vincent Messanh	Dual effect of Rugulosin A: Inhibition of Botrytis cinerea and Alternaria alternata growth and protection against mold disease in grapevine plantlets and berries.
15:30-16:05	Coffee Break & Poster Session B	
Aula Guarnieri Session 4: Biostimulants and Biocontrols for Use in Sustainable Systems		
16:05-16:10	Prof. Alessio Cimmino Session Chair	Session Introduction
16:10-16:25	Simona Errico	From Waste to Biostimulant: Insect Frass Extracts as Emerging Agents for Seed Chemo-Priming
16:25-16:40	Loukas Orfeas Loukakis	Biostimulant Effects of Ascophyllum nodosum and Ecklonia maxima Extracts on Yield and Malting Quality Traits of Winter Barley under Mediterranean Conditions

Day 3 – Friday, 23 October 2026

08:30-09:00	Registration & Check-in	
Aula Magna Session 6: Economics of Regenerative and Sustainable Farming Systems		
09:00-09:05	Prof. Dr. Andreas Meyer Aurich Session Chair	Session Introduction
09:05-09:20	Melkamu Girma Koricho	The Influence of Nitrate Derogation on Land Rental Market Participation: Evidence from Ireland
09:20-09:35	Pramod Gautam	Farmer Readiness for Net-Zero Agriculture: Motivations, Barriers, and Digital Decision Support Systems
09:35-09:50	Dirk Osada	The Biological Nutrient Cycle as an Economic Determinant: Soil – Food/Feed – Animal – Human and the Cost of Micronutrient Deficiency
09:50-10:05	Bhola Paudel	Smart farming, data use and sustainability pathways in Australian agriculture: Evidence from farmers' survey
10:05-10:20	Sutthathip Kamthornphiphatthana kul	Economic Viability of Sustainable Livestock Production: A Financial Analysis of AIoT-Driven Precision Management Systems
10:20-10:35	Ekamjot Dhillon	Productivity, Agricultural Development, and the Governance of Sustainability: From the Green Revolution to AGRA
10:35-10:50	Antonella Samoggia	Resilience of Agroecological and Organic Markets: A Comparative Analysis of six case studies from Italy, Bolivia, Brazil, Spain and Colombia
10:50-11:25	Coffee Break	
Aula Magna Session 6: Economics of Regenerative and Sustainable Farming Systems		
11:25-11:30	Prof. Dr. Andreas Meyer Aurich Session Chair	Session Introduction
11:30-12:00	Prof. Dr. Andreas Meyer Aurich Keynote Speaker	Title to be confirmed
12:00-12:15	James Hennessy	What Drives Forage Adoption Intensity Among Smallholder Dairy Farmers? Evidence from Kenya
12:30-13:30	Lunch Break	

Aula Magna Session 6: Economics of Regenerative and Sustainable Farming Systems		
13:30-13:35	Prof. Dr. Andreas Meyer Aurich Session Chair	Session Introduction
13:35-13:50	Peter Lokima Bosekwa Amela	Oil Palm-Based Agroecological Potential and Characteristics of Smallholder Adopters: Evidence in Rural Democratic Republic of Congo (DRC)
14:50-15:10	Awards & Closing Ceremony	

Aula Guarnieri Session 1: Pest Management in Farming for Sustainable Systems		
09:00-09:05	Prof. Dr. Anna Andolfi Session Chair	Session Introduction
09:05-09:20	Riad Saidu Koroma	Effects of Bacterial Isolate, Temperature, Humidity, and Antibiotic Treatment on Soft Rot Development in Potato Tubers
09:20-09:35	Saleem Jaffar	Understand the Methyl Eugenol Application: Chemosensory and Detoxification Mechanisms in Male Oriental Fruit Fly, Bactrocera dorsalis
09:35-09:50	Thilo Schmidt	Laser weeding—does wavelength matter?
09:50-10:05	Jessica Schäckermann	Farming with Nature in the Desert: Wildflower Plots for Biodiversity and Pest Control
10:05-10:20	Diletta Missere	Cultivation of Monarda spp. for the Production of Essential Oils and Hydrolates for the Control of Insects and Nematodes in Organic Farming: The MOEIDIN Project
10:20-10:35	Michal Prusiński	Metal nanoparticles as a potential alternative to conventional bactericidal treatments
10:35-10:50	Michael Desens	Precision Agriculture Approach for European Corn Borer Control Using AI-Based Detection and Laser Application
10:50-11:25	Coffee Break	
Aula Guarnieri Session 1: Pest Management in Farming for Sustainable Systems		
11:25-11:30	Prof. Dr. Anna Andolfi Session Chair	Session Introduction
11:30-12:00	Prof. Dr. Gianfranco Romanazzi Keynote Speaker	Basic substances as a tool for sustainable plant protection from pre and postharvest diseases

12:00-12:15	Lorenzo Negri	Evaluation of agroecological weed management practices to reduce chemical herbicides applications
12:15-12:30	Pumeza Cingo	Evaluating the resilience of agricultural systems to the impacts of invasive plants and climate change in the Eastern Cape, South Africa
12:30-13:30	Lunch Break	
Aula Guarnieri Session 1: Pest Management in Farming for Sustainable Systems		
13:30-13:35	Prof. Dr. Anna Andolfi Session Chair	Session Introduction
13:35-13:50	Annamaria Massafra	Multi-Omics insights into advanced solarization effects on soil and tomato development
13:50-14:05	Hugh Smith	Invasive Thysanoptera: a global challenge to sustainable pest management
14:05-14:20	Luka Čotić	Identifying volatile attractants for the olive fruit fly (<i>Bactrocera oleae</i> Rossi) from modified brewer's spent yeast: A chemometric study
14:20-14:35	Davide Savy	From trash to treasure: synthesis and characterisation of dsRNA nanocarriers from waste-derived humic substances
14:35-14:50	Vongai M Paradza	Evaluation of native entomopathogenic fungal isolates for biological control of potato tuber moth, <i>Phthorimaea operculella</i> Zeller (Lepidoptera: Gelechiidae) in South Africa

Poster Session A: (Day 1 – Wednesday, 21 October 2026: Lunch Break 12:20–13:20 & Coffee Break 15:10–15:45)

Session 5. Agroecology and Precision Agriculture

Session 3. Fertility Management in Sustainable Agricultural Systems

Session 2. Crop Rotation and Management - An Agroecological Approach

1.	Yanina Arnaudova	Investigation of the possibilities for the application of fluorescence spectroscopy in comparative analysis with the male gametophyte of pepper subjected to drought
2.	Zita Bednar-Konski	Enhancing the Resilience of Organic Farming through Agroforestry: A Practice-Research Network across Germany
3.	Elisa Masi	Acoustic vibrations modulate grapevine phenology and physiology: first evidence from vineyard and controlled environment experiments
4.	Rafał Łopucki	Balancing crop production and biodiversity: Wheat and maize as contrasting habitats for the European hamster
5.	Rafał Łopucki	Renewable energy in agroecosystems: Physiological effects of wind farms on a terrestrial farmland mammal
6.	Claudia Sánchez	Non-destructive assessment of quality attributes across various apple varieties
7.	Jonathan Castaño Serna	Sentinel-2 NDVI as a tool to monitor potato crop development across planting calendars
8.	Francisco Tugores	Effect of Temporal Aggregation on the Performance of Reference Evapotranspiration Estimates along the Spanish Mediterranean Coast
9.	Federico Frontali	IMMAGO: Automated In-Field Classification of Tomato Phenological Stages Using Promptable Zero-Shot Detection
10.	Momchil Paunov	From Laboratory Exposure to Smart Agriculture: Radiofrequency Electromagnetic Field Effects on Wheat and Maize
11.	Collins Kipyegon Sigey	Managing Human-Elephant Conflict and Conserving Aquatic Biodiversity for Sustainable Livelihoods: Integrative Conservation in the Lake Jipe Ecosystem
12.	Miguel Leão de Sousa	OHVeNet: AI-Enabled Smart Monitoring Network for Agricultural Pests and Disease Vectors
13.	Miquel Llompart	Performance of Turbulent-Flow Drip Emitters under Thermal Variability
14.	Anh Khoi Tao	Climate-Resilient Agro-Morphological Traits and Conservation Potential of the Wild Tea Genotype TS567LVC from Coastal Central Vietnam
15.	Deqing Zhuoga	Impact of future climate change on the development period of spring highland barley in Shigatse, Xizang

16.	Wahiba Aous	Activities of Aromatic Plant Hydrosols as Larvicides and Repellents against <i>Culex pipiens</i> : A Sustainable Bio-Based Approach
17.	Mulugeta Tilahun Bekele	AI-Enabled Agroecological Digital Twin for Sustainable Farming: Integrating Pest Dynamics, Crop Rotation, Soil Health, Biostimulation, Regenerative Economics, Distributed Computing, Geospatial Intelligence, and Communication Technologies
18.	Ping An	Mitigating salinity stress in spinach (<i>Spinacia oleracea</i> L.): The role of extended photoperiods on growth, physiology, and metabolic profiles
19.	FİLİZ VARDAR	Comparative Analysis of Antioxidant Capacity and Photosynthetic Pigments in Bulgarian Pepper (<i>Capsicum annuum</i> L.) Cultivars under Water Deficit Conditions
20.	Miguel Leão de Sousa	FruitPV: Agrivoltaic Solutions for Climate-Resilient High-Density Mediterranean Apple Orchards
21.	Catalina Calin	Innovative Controlled-Release Fertilizers for Enhancing Nutrient Availability in Sustainable Agricultural Systems
22.	Inês do Carmo Luís	Foliar zinc sulfate application in <i>Triticum aestivum</i> L. (cvs. Roxo and Paiva): Impacts on thousand kernel weight, yield, test weight, and zinc concentration
23.	Cláudia Pessoa	Foliar zinc biofortification of bread wheat under irrigated and rainfed Mediterranean conditions
24.	Stefan Shilev	Soil Eukaryome of Sweet Maize in Response to Organic and Mineral Fertiliser Application
25.	Teodora Tomova	Soil Biological Indicators and Rhizosphere CO ₂ Emission Dynamics under Different Fertilization Regimes in a Field Experiment with Squash (<i>Cucurbita Moschata</i>)
26.	Susana Ferreira	Partial Replacement of Mineral Fertilizers with Organic Amendments Sustains Apple Tree Performance under Mediterranean Conditions
27.	Fuensanta Caravaca	Effects of a biofertilizer on <i>Lactuca sativa</i> growth, rhizosphere bacterial community, and soil biological functioning in a microplastic-contaminated agricultural soil
28.	Vignesh D	ENHANCED P USE EFFICIENCY IN RICE (<i>ORYZA SATIVAL</i>) BY NANO AND MOLECULAR PHOSPHATIC FERTILIZERS
29.	Giulia Mozzo	Developing a short hop supply chain in Tuscany: cultivation, on-farm drying and cone preservation
30.	Anna Lehmann-Skoczylas	The effect of crop rotation and catch crops on selected properties of light soil
31.	Xuyun Zhang	Research on an Evaluation Method for the Benefits of Crop Rotation
32.	Anna Caccavo	Effect of Compost Soil Incorporation and Turfgrass Cultivar Selection on Turf Performance Under Non-Irrigated Conditions

End of Poster Session A

Poster Session B: (Day 2 – Thursday, 22 October 2026: Lunch Break 12:40–13:40 & Coffee Break 15:30–16:05)

Session 7. Agroecological approaches to soil management

Session 4. Biostimulants and Biocontrols for Use in Sustainable Systems

Session 6. Economics of Regenerative and Sustainable Farming Systems

Session 1. Pest Management in Farming for Sustainable Systems

1.	Carlo Leifert	Regenerative soil and crop management in organic agriculture; a strategy to maintain fertile soils, healthy crops, food quality and human health?
2.	Paulo Legoinha	Particle size influence in water absorption capacity of a commercial biochar for agricultural applications
3.	Arkadiusz Matuszewski	Kokogel: A novel microbially enriched hydrogel-containing fertilizer derived from poultry manure for improving soil quality and supporting wheat productivity
4.	Claudia Sánchez	Soil organic matter and its impact on apple postharvest quality
5.	Vera Thoss	Temperate agroforestry systems increase abundance and functional diversity of earthworm communities
6.	Olha Kachalova	Machine Learning Reveals Soil-Type-Specific Drivers of Soil Health Change in Czechia
7.	Vesna Mrvić	Bacterial inoculation effect on nickel concentrations in <i>Medicago sativa</i> : Bioaccumulation potential
8.	Agnieszka Kuźniar	Ecological Indicators of Earthworm Effects on Soil Microbial Biodiversity
9.	Wahiba Aous	Evaluation of the insecticidal and repellent activities of essential oils from thyme (<i>Thymus vulgaris</i> L.) and rosemary (<i>Rosmarinus officinalis</i> L.) against the black thistle aphid (<i>Brachycaudus cardui</i>)
10.	Thanunchanok Chairin	Formulation Optimization and Immune Priming Effects of <i>Trichoderma virens</i> for Sustainable Oil Palm Basal Stem Rot Management
11.	Maria Luisa Dindo	Effects of a Sweet Orange Essential Oil-Based Biopesticide on <i>Exorista larvarum</i> , a Tachinid Parasitoid with Dual Ecological Functions
12.	Kristijan Franin	Biostimulatory and Allelopathic Effects of Selected Plant Extracts on Germination of Vegetable Seeds
13.	Agnieszka Kuźniar	Bacterial Biopreparations as Modulators of Soil Algal Growth during Biocrust Formation
14.	Fernando Lidon	Effects of biostimulant application on durum wheat grain quality
15.	Maria Manuela Silva	Biostimulant-mediated modulation of nutrient dynamics in durum wheat
16.	Pongrawee Nimnoi	Synergistic Effects of <i>Pseudomonas</i> and <i>Bacillus</i> Inoculants on Plant Productivity, Soil Bacterial Succession, and Functional Metabolic Pathways

17.	Srinivasan Sivakumar	Degradation of methyl orange dye employing an endophytic <i>Streptomyces</i> sp. and its application in agriculture
18.	Soon Woong Chang	Mass Transfer and Reaction Characteristics of a CO ₂ –NaOH System in a Membrane Contactor
19.	Stefano Benvenuti	Ecosystem service provided by sown wildflower strips
20.	Stefania Galletti	Enhancing tomato (<i>Solanum lycopersicum</i> L.) tolerance to biotic stress through seed biopriming with algal extracts and derivatives
21.	Jolanta Kowalska	Improving the use of biological pesticides and natural biostimulants to protect winter rapeseed in organic farming system
22.	Fahim Rahman Shakil	A-NBRS: THE PROGRAMMABLE PLANT REVOLUTION
23.	Hope Namara	Application of Regenerative Agriculture Practices across Central Europe: A bibliometric review
24.	Milan Stevanovic	Farm Competitiveness and Climate-Smart Investment Portfolios: Post-Investment Evidence from the Serbia Competitive Agriculture Project
25.	Haimanot B. Atinkut	Agroforestry Practices and Building Livelihood Resilience in Northwestern Ethiopia: Evidence from Three Districts in the Amhara Region
26.	Paulo Henrique Montagnana Vicente Leme	Between perception and adoption: innovation attributes in the use of digital technologies in coffee farming
27.	Renata Przygodzka	Agricultural Payments and the Transition Towards Sustainable Farming Systems in Poland: A Regional Perspective
28.	Abdur Rahman Rahman Al Mamun	Silicon Dioxide (SiO ₂) Dose-Dependent Suppression of <i>Bipolaris</i> Leaf Blight in Wheat: Integrating Disease Dynamics, Antioxidant Defense, Seed-Borne Pathogen Transmission, and Economic Thresholds in a Sub-Tropical Rice-Wheat System
29.	Mwafaq Ibdah	The Good Neighbor Effect: Resistant Pear Volatiles Prime Defense and Reduce <i>Psylla</i> in a Susceptible Cultivar
30.	Gessica Altieri	A two-year field study on the susceptibility of hazelnut cultivars to the filbert big bud mite <i>Phytoptus avellanae</i> Nalepa
31.	Erica Errico	Soil health-based sustainable strategies for managing soilborne pathogens in strawberry production
32.	Renata Biziene	Association of SNP9–9224292 with Virus-Specific Susceptibility and Coinfection Frequency in Honey Bees (<i>Apis mellifera</i>)
33.	Justina Dambrauskaite	Antimicrobial Peptide Gene Expression in Virus-Infected Honey Bees: Implications for Pollinator Health

34.	Vongai Paradza	Pest status of <i>Phthorimaea</i> spp. in South African potato production and the potential of entomopathogenic fungi for integrated pest management
35.	Nijolė Pečiulaitienė	Detection of Antibiotic Resistance Genes in Bee Microbiota
36.	Stanislav Trdan	Trapping of European june beetle (<i>Amphimallon solstitiale</i> [L.]) and Common cockchafer (<i>Melolontha melolontha</i> [L.]) adults using light traps and various pheromone traps in Slovenia
37.	Qaiser Javed	Modified Brewer's Spent Yeast as a Sustainable Attractant for Mediterranean Fruit Fly Management: Evidence from Laboratory and Field Studies
End of Poster Session B		