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 (Corylus avellana 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 Vitis vinifera 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 Amaranthus tricolor 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 (Olea europaea) 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**

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
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 (Salix acmophylla 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 (Pisum sativum 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 Kamthornphiphatthanakul**	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	**Michał 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 (Bactrocera oleae 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, Phthorimaea operculella 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 Arnaoudova**	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 Sigey Kipyegon**	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 Culex pipiens: 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 (Spinacia oleracea 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 (Capsicum annuum L.) Cultivars under Water Deficit Conditions
20.	**Catalina Calin**	Innovative Controlled-Release Fertilizers for Enhancing Nutrient Availability in Sustainable Agricultural Systems
21.	**Inês do Carmo Luís**	Foliar zinc sulfate application in Triticum aestivum L. (cvs. Roxo and Paiva): Impacts on thousand kernel weight, yield, test weight, and zinc concentration
22.	**Cláudia Pessoa**	Foliar zinc biofortification of bread wheat under irrigated and rainfed Mediterranean conditions
23.	**Stefan Shilev**	Soil Eukaryome of Sweet Maize in Response to Organic and Mineral Fertiliser Application
24.	**Teodora Tomova**	Soil Biological Indicators and Rhizosphere CO2 Emission Dynamics under Different Fertilization Regimes in a Field Experiment with Squash (Cucurbita Moschata)
25.	**Susana Ferreira**	Partial Replacement of Mineral Fertilizers with Organic Amendments Sustains Apple Tree Performance under Mediterranean Conditions
26.	**Fuensanta Caravaca**	Effects of a biofertilizer on Lactuca sativa growth, rhizosphere bacterial community, and soil biological functioning in a microplastic-contaminated agricultural soil
27.	**Vignesh D**	ENHANCED P USE EFFICIENCY IN RICE (ORYZA SATIVAL) BY NANO AND MOLECULAR PHOSPHATIC FERTILIZERS
28.	**Giulia Mozzo**	Developing a short hop supply chain in Tuscany: cultivation, on-farm drying and cone preservation
29.	**Anna Lehmann-Skoczylas**	The effect of crop rotation and catch crops on selected properties of light soil
30.	**Xuyun Zhang**	Research on an Evaluation Method for the Benefits of Crop Rotation
31.	**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, heathy 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 Medicago sativa: 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 (Thymus vulgaris L.) and rosemary (Rosmarinus officinalis L.) against the black thistle aphid (Brachycaudus cardui)
10.	**Thanunchanok Chairin**	Formulation Optimization and Immune Priming Effects of Trichoderma virens for Sustainable Oil Palm Basal Stem Rot Management
11.	**Maria Luisa Dindo**	Effects of a Sweet Orange Essential Oil-Based Biopesticide on Exorista larvarum, 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 Pseudomonas and Bacillus Inoculants on Plant Productivity, Soil Bacterial Succession, and Functional Metabolic Pathways

17.	**Srinivasan Sivakumar**	Degradation of methyl orange dye employing an endophytic Streptomyces 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 (Solanum lycopersicum 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 Shakil Rahman**	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.	**Abdur Rahman Rahman Al Mamun**	Silicon Dioxide (SiO_2) Dose-Dependent Suppression of Bipolaris Leaf Blight in Wheat: Integrating Disease Dynamics, Antioxidant Defense, Seed-Borne Pathogen Transmission, and Economic Thresholds in a Sub-Tropical Rice-Wheat System
28.	**Mwafaq Ibdah**	The Good Neighbor Effect: Resistant Pear Volatiles Prime Defense and Reduce Psylla in a Susceptible Cultivar
29.	**Gessica Altieri**	A two-year field study on the susceptibility of hazelnut cultivars to the filbert big bud mite Phytoptus avellanae Nalepa
30.	**Erica Errico**	Soil health–based sustainable strategies for managing soilborne pathogens in strawberry production
31.	**Renata Biziene**	Association of SNP9–9224292 with Virus-Specific Susceptibility and Coinfection Frequency in Honey Bees (Apis mellifera)
32.	**Justina Dambrauskaite**	Antimicrobial Peptide Gene Expression in Virus-Infected Honey Bees: Implications for Pollinator Health
33.	**Vongai Paradza**	Pest status of Phthorimaea spp. in South African potato production and the potential of entomopathogenic fungi for integrated pest management

34.	**Nijolė Pečiulaitienė**	Detection of Antibiotic Resistance Genes in Bee Microbiota
35.	**Stanislav Trdan**	Trapping of European june beetle (Amphimallon solstitiale [L.]) and Common cockchafer (Melolontha melolontha [L.]) adults using light traps and various pheromone traps in Slovenia
36.	**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		