Program Overview

Program Overview

Schedule Overview

Day 1 - Wednesday, 21 October 2026

Check-in open from 08:00

8:00 AM – 4:15 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 – 5:50 PM	Session 2, 4 and 7
6:10 PM – 7:30 PM	Cocktail Reception

Day 3 - Friday, 23 October 2026

8:30 AM – 2:25 PM	Session 6 and 1
2:25 PM – 2:45 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)		Cocktail Reception (6:10 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		
09:00-9:20	**Opening Ceremony & Welcome Remarks**	
09:20–10:00	**Prof. Diego Rubiales** Plenary Speaker	Plant breeding is required to meet agroecological demands: Legumes as a case study
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* Chaired by Prof. Giovanni Dinelli
10:30–10:35	**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** Oral Presenter	Estimation of Hazelnut (Corylus avellana L.) Canopy Volume Using SLAM and UAV Point Clouds
11:20–11:35	**Fernanda Nunes Maciel** Oral Presenter	When Technology Makes Sense: Personal Values and Digital Adoption by Small Dairy Farmers
11:35–11:50	**Jean Franck Galliano** Oral Presenter	Computational Agroecological Identity: A Multidimensional Data Framework Linking Precision Assessment and Product Valorization
11:50–12:05	**Maria (Marietta) Papakonstantinou** Oral Presenter	IoT-Assisted Organic Compost Production in Open Piles
12:05–12:20	**Pasqualina Sacco** Oral Presenter	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* *Chaired by Prof. Dr. Francesco Marinello*
13:20–13:35	**Paulo Henrique Montagnana Vicente Leme** Oral Presenter	What Drives Digital Agriculture Adoption? Evidence from the Brazilian Coffee Sector
13:35–13:50	**Francisco Tugores** Oral Presenter	Predictor selection for ordinal classification of physiological fruit drop in persimmon: a comparison across rootstocks
13:50–14:05	**Muhamet Zogaj** Oral Presenter	UAV-Based NDVI Assessment on Open-Field Pepper Production:ACase Study in Kosovo
14:05–14:20	**Simona Pitardi** Oral Presenter	Physiological, Productive and Biodiversity Responses of Vitis vinifera L. cv. Primitivo under Agrivoltaic Conditions in a Mediterranean Vineyard
14:20–14:35	**Devanakonda Venkata Sai Chakradhar Reddy**	Retrieval of Wheat Nitrogen using Radiative Transfer Models and Machine Learning

	Oral Presenter	
14:35–14:50	**Ivan Zyrianoff** Oral Presenter	TRACE: LoRaWAN-Based IoT Monitoring and Data Analytics for Medicinal and Aromatic Plant Cultivation in Emilia-Romagna
14:50–15:05	**Roberto A. Braga** Oral Presenter	The Seed Dataset Library for Dynamic Laser Speckle Raw Images
15:05–15:45	**Coffee Break & Poster Session A**	
		Aula Magna *Session 5: Agroecology and Precision Agriculture* *Chaired by Prof. Dr. Francesco Marinello*
15:45–16:00	**Emilia Pafumi** Oral Presenter	Mapping crop diversity with open remote sensing data: a regional application in NE Italy
16:00–16:15	**Ayesha Khan** Oral Presenter	Growth performance of Amaranthus tricolor in response to varying light intensities in Controlled Environment Agriculture
16:15–16:30	**Józef Tyburski** Oral Presenter	Effectiveness of mechanical precision weed control in organically grown soybean
16:30–16:45	**Melissa Tamisari** Oral Presenter	Monitoring of Tomato Phenological Phases through MOX Gas Sensors and Machine Learning
16:45–17:00	**Hafiza Komal Komal Naeem** Oral Presenter	Acoustic Vibration Priming Enhances Drought Resilience in Olive (Olea europaea) through Physiological and Biochemical Responses
17:00–17:15	**Uladzimir Bury** Oral Presenter	Assessing floristic diversity in Latvian apple orchards: the role of landuse 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* *Chaired by Prof. Dr. Leslie Weston*
10:30–10:35	**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** Oral Presenter	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** Oral Presenter	Assessing Agroecological Functions of the Milpa Intercropped with Fruit Trees (MIAF) System in Central Mexico
11:35–11:50	**Elisa Dominguez Hernandez** Oral Presenter	Environmental impact of manure reallocation as a circular fertility management strategy in a small-scale mixed farm
11:50–12:05	**Tanzila Rafique** Oral Presenter	Rootstock-Mediated Growth and Photosynthetic Responses of Grafted Tomato Seedlings under Drought Stress
12:05–12:20	**John Vincent Abenoja Nate** Oral Presenter	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*

		Chaired by Prof. Dr. Leslie Weston
13:20–13:35	**Wathsala Dissanayake** Oral Presenter	Development and Evaluation of a Waste-Derived Biodegradable SlowRelease Fertiliser for Improving Nitrogen Use Efficiency
13:35–13:50	**Lorenzo Negri** Oral Presenter	Long-Term Sustainability of Wheat Production under Diversified Crop Rotations and Manure Supply in the Mediterranean Environment
13:50–14:20	**Dr. Timothy Crews** Keynote Speaker	Managing living roots to manage fertility
14:20–14:35	**Brenda Antonella Medina Privatt** Oral Presenter	Development and Assessment of a Soy-Based Slow-Release Granular Fertilizer for Home Lawn Use
14:35–14:50	**Artur Matevosyan** Oral Presenter	Optimization of a Hydroponic Nutrient Solution and Evaluation of Foliar Silicon Dioxide Nanoparticles under Salinity Stress in Cyamopsis tetragonoloba L.
14:50–15:05	**Susana Ferreira** Oral Presenter	Microbial Biofertilizers Sustain Apple Tree Performance under Reduced Mineral Fertilization
15:05–15:45	**Coffee Break & Poster Session A**	
		Aula Guarnieri *Session 3: Fertility Management in Sustainable Agricultural Systems* *Chaired by Prof. Dr. Leslie Weston*
15:45–16:00	**Roshni Vijayan** Oral Presenter	Harnessing rice reproductive traits for fertility management in sustainable systems
16:00–16:15	**Nicola Cinosi** Oral Presenter	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* *Chaired by Assoc. Prof. Federica Zanetti*	
09:00–09:05	**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** Oral Presenter	Impacts of vining peas on soil carbon and nitrogen in a crop rotation
09:50–10:05	**Maria Krtikashyan** Oral Presenter	Comparative Performance of Two Indigenous Armenian Grape Varieties, 'Black Kharji' and 'Yeghegnadzor Black', under the Conditions of the Armavir Region, Armenia
10:05-10:20	**Sumita Sen** Oral Presenter	Effect of crop management practices on rainfed winter wheat (Triticum aestivum L.) growth, physiology and yield components in corn-soybeanwheat rotation system
10:20–10:50	**Coffee Break**	
	Aula Magna *Session 2: Crop Rotation and Management - An Agroecological Approach* *Chaired by Assoc. Prof. Federica Zanetti*	
10:50–11:05	**Sunday Ebonka Nwajei** Oral Presenter	Effect of intercropping on the growth and grain yield of sorghum in the Czech Republic
11:05–11:20	**Michele D'Angiolo** Oral Presenter	Dye Plants as Flower Strips forSustainableAgroecosystems: a Comprehensive Analysis of Agronomic Performance, Pollinator Dynamics, Biological Potential
11:20–11:50	**Prof. Per Kudsk** Keynote Speaker	Pesticide Load Indicators: Tools with multiple applications
11:50–12:05	**Jesmin Aktar** Oral Presenter	Digging Deeper: Dry Matter Allocation, Root Growth and Grain Production in Perennial Wheat derivatives
12:05–12:20	**Roshni Vijayan** Oral Presenter	Mitigation of water stress and enhancing productivity of cowpea in summer rice fallows
12:20–13:35	**Lunch Break & Poster Session B**	
	Aula Magna *Session 7: Agroecological approaches to soil management* *Chaired by Prof. Dr. Mumtaz Akhtar Cheema*	
13:35–13:40	*Session Introduction*	
13:40–14:10	**Prof. Dr. Mumtaz Akhtar Cheema** Keynote Speaker	Industrial Waste Valorization for Sustainable Agricultures
14:10–14:40	**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
14:40–14:55	**Anna Lilian Gardossi** Oral Presenter	Satellite-based monitoring of crop residues: assessing NDTI reliability at the regional scale in Friuli Venezia Giulia
14:55–15:10	**Glenn-Horland Pango** Oral Presenter	Influence of hedgerows on soil quality and macrofauna in three agricultural systems in the chalky Champagne region (France)

15:10–15:50	**Coffee Break & Poster Session B**	
		Aula Magna *Session 7: Agroecological approaches to soil management* *Chaired by Prof. Dr. Mumtaz Akhtar Cheema*
15:50-16:05	**John Vincent Abenoja Nate** Oral Presenter	Qualitative Systems Model for Compost-Based Growing Media: Oxygen Demand, Salinity, and Nitrogen Immobilisation Risk
16:05–16:20	**Alex Lindsey** Oral Presenter	Compost-Based Soil Management Improves Soil Health and Turfgrass Performance in Construction-Disturbed Sandy Soils
16:20–16:35	**Janine Maree Joyce** Oral Presenter	Country, Collaboration, and Soil: Integrating Indigenous Knowledge in Transdisciplinary Agroecology
16:35–16:50	**Julián Guzmán-Zavala** Oral Presenter	Characterization of Microbial Communities Dynamics in a Manure SolidLiquid Separation System: A Shotgun Metagenomics Approach
16:50–17:05	**Veronica Zuffi** Oral Presenter	Surface-Enhanced Raman Spectroscopy (SERS) of Deep Soil as a Tool for Cropping System Sustainability Evaluation
17:05–17:20	**Adrija Dorbe** Oral Presenter	Nitrogen accumulation in field peas (Pisum sativum L.) under different tillage systems
17:20–17:50	**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
18:10–19:30	**Cocktail Reception**	

		Aula Guarnieri *Session 4: Biostimulants and Biocontrols for Use in Sustainable Systems* *Chaired by Assoc. Prof. Francesco Vinale*
09:00–09:05	**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	**Daniele Alberoni** Oral Presenter	Soil microbiota influence floral signals and pollinator attraction in sunflowers
09:50–10:05	**Piper Sloan** Oral Presenter	Effects of Ascophyllum nodosum extracts on physiological and morphological function of drought-stressed canola
10:05–10:20	**Marie Hielscher** Oral Presenter	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* *Chaired by Assoc. Prof. Francesco Vinale*
10:50–11:05	**Sadia Tabassum Tanni** Oral Presenter	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
11:05–11:20	**Orsolya Papp** Oral Presenter	From Laboratory Screening to On-Farm Validation: Rhizobial Inoculation of Cowpea (Vigna unguiculata ssp. unguiculata) in Hungarian Organic Horticulture
11:20–11:35	**Alberto Cavallito** Oral Presenter	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).
11:35–11:50	**Shamsul Haque** Oral Presenter	Biostimulants and Biochar: Unlocking Phosphorus Uptake in wheat
11:50–12:05	**Elisa Pellegrino** Oral Presenter	Differential effects of microbial consortia and single arbuscular mycorrhizal inoculation on durum wheat performance and root microbiome across Mediterranean environments
12:05–12:20	**Victor Hugo Abarca** Oral Presenter	Reducing Synthetic and Irrigation Inputs in Zoysiagrass Lawns through Microbial Nitrogen Fixation
12:20–13:35	**Lunch Break & Poster Session B**	
		Aula Guarnieri ***Session 4: Biostimulants and Biocontrols for Use in Sustainable Systems*** ***Chaired by Prof. Alessio Cimmino***
13:35–13:40	***Session Introduction***	
13:40–14:10	**Prof. Alessio Cimmino** Keynote Speaker	Beyond Strigolactones: Plant and Fungal Specialized Metabolites Interfering with Parasitic Weed Development
14:10–14:25	**Ali Elnaeim Elbasheir Ali**	**Metabolomic insights into salt tolerance-promoting rhizobacteria-mediated salinity tolerance in wheat seedlings**
14:25–14:40	**Ilaria Marotti** Oral Presenter	Biostimulant-based elicitation to improve bioactive compound accumulation in medicinal and aromatic plants under open-field conditions
14:40–14:55	**Katya Valeria Pérez Ramos** Oral Presenter	Actinobacteria: biofungicides and biorremediators of agricultural soils
14:55–15:10	**Zarqa Hassan** Oral Presenter	Green Synthesis of ZnO Nanoparticles from Cucurbita maxima Peels for Developing 3D Hybrid Structures and Agricultural Applications
15:10–15:50	**Coffee Break & Poster Session B**	
		Aula Guarnieri ***Session 4: Biostimulants and Biocontrols for Use in Sustainable Systems*** ***Chaired by Prof. Alessio Cimmino***
15:50–16:05	**Koffi Vincent Messanh** Oral Presenter	Dual effect of Rugulosin A: Inhibition of Botrytis cinerea and Alternaria alternata growth and protection against mold disease in grapevine plantlets and berries.
16:05-16:20	**Simona Errico** Oral Presenter	From Waste to Biostimulant: Insect Frass Extracts as Emerging Agents for Seed Chemo-Priming
16:20-16:35	**Lénia Rodrigues** Oral Presenter	Seed-Applied PGPB-Based Biostimulants Influence Early Plant Establishment: Contrasting Responses Across Crop Species
18:10–19:30	**Cocktail Reception**	

Day 3—Friday, 23 October 2026		
08:30–09:00	Registration & Check-in	
	Aula Magna *Session 6: Economics of Regenerative and Sustainable Farming Systems* *Chaired by Prof. Dr. Andreas Meyer Aurich*	
09:00–09:05	**Session Introduction**	
09:05–09:20	**Melkamu Girma Koricho** Oral Presenter	The Influence of Nitrate Derogation on Land Rental Market Participation: Evidence from Ireland
09:20–09:35	**Pramod Gautam** Oral Presenter	Farmer Readiness for Net-Zero Agriculture: Motivations, Barriers, and Digital Decision Support Systems
09:35–09:50	**Dirk Osada** Oral Presenter	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** Oral Presenter	Smart farming, data use and sustainability pathways in Australian agriculture: Evidence from farmers' survey
10:05–10:20	**Sutthathip Kamthornphiphatthan-akul** Oral Presenter	Economic Viability of Sustainable Livestock Production: A Financial Analysis of AIoT-Driven Precision Management Systems
10:20–10:35	**Ekamjot Dhillon** Oral Presenter	Productivity, Agricultural Development, and the Governance of Sustainability: From the Green Revolution to AGRA
10:35–10:50	**Andrea Fantini** Oral Presenter	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* *Chaired by Prof. Dr. Andreas Meyer Aurich*	
11:25–11:55	**Prof. Dr. Andreas Meyer Aurich** Keynote Speaker	Digitalization as Enabler for Agroecology
11:55–12:10	**James Hennessy** Oral Presenter	What Drives Forage Adoption Intensity Among Smallholder Dairy Farmers? Evidence from Kenya
12:25–13:25	**Lunch Break**	
14:25–14:45	**Awards & Closing Ceremony**	

		Aula Guarnieri *Session 1: Pest Management in Farming for Sustainable Systems* *Chaired by Prof. Dr. Anna Andolfi*
09:00–09:05	**Session Introduction**	
09:05–09:20	**Saleem Jaffar** Oral Presenter	Understand the Methyl Eugenol Application: Chemosensory and Detoxification Mechanisms in Male Oriental Fruit Fly, Bactrocera dorsalis
09:20–09:35	**Thilo Schmidt** Oral Presenter	Laser weeding—does wavelength matter?
09:35–09:50	**Jessica Schäckermann** Oral Presenter	Farming with Nature in the Desert: Wildflower Plots for Biodiversity and Pest Control
09:50–10:05	**Diletta Missere** Oral Presenter	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
10:05–10:20	**Michał Prusiński** Oral Presenter	Metal nanoparticles as a potential alternative to conventional bactericidal treatments
10:20–10:35	**Michael Desens** Oral Presenter	Precision Agriculture Approach for European Corn Borer Control Using AI-Based Detection and Laser Application
10:35–10:50	**Lorenzo Negri** Oral Presenter	Evaluation of agroecological weed management practices to reduce chemical herbicides applications
10:50–11:25	**Coffee Break**	
		Aula Guarnieri *Session 1: Pest Management in Farming for Sustainable Systems* *Chaired by Prof. Dr. Anna Andolfi*
11:25–11:55	**Prof. Dr. Gianfranco Romanazzi** Keynote Speaker	Basic substances as a tool for sustainable plant protection from pre and postharvest diseases
11:55–12:10	**Pumeza Cingo** Oral Presenter	Evaluating the resilience of agricultural systems to the impacts of invasive plants and climate change in the Eastern Cape, South Africa
12:10–12:25	**Annamaria Massafra** Oral Presenter	Multi-Omics insights into advanced solarization effects on soil and tomato development
12:25–13:25	Lunch Break	
		Aula Guarnieri *Session 1: Pest Management in Farming for Sustainable Systems* *Chaired by Prof. Dr. Anna Andolfi*
13:25–13:40	**Hugh Smith** Oral Presenter	Invasive Thysanoptera: a global challenge to sustainable pest management
13:40–13:55	**Luka Čotić** Oral Presenter	Identifying volatile attractants for the olive fruit fly (Bactrocera oleae Rossi) from modified brewer's spent yeast: A chemometric study
13:55–14:10	**Davide Savy** Oral Presenter	From trash to treasure: synthesis and characterisation of dsRNA nanocarriers from waste-derived humic substances
14:10–14:25	**Vongai M Paradza** Oral Presenter	Evaluation of native entomopathogenic fungal isolates for biological control of potato tuber moth, Phthorimaea operculella Zeller (Lepidoptera: Gelechiidae) in South Africa
14:25–14:45	**Awards & Closing Ceremony**	

Poster List

Poster Session A (S2, S3, S5) Day 1 – Wednesday, 21 October 2026 Lunch Break 12:20–13:20 & Coffee Break 15:05–15:45		
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.	**Miguel Leão de Sousa**	OHVeNet: AI-Enabled Smart Monitoring Network for Agricultural Pests and Disease Vectors
12.	**Miquel Llompart**	Performance of Turbulent-Flow Drip Emitters under Thermal Variability
13.	**Deqing Zhuoga**	Impact of future climate change on the development period of spring highland barley in Shigatse, Xizang
14.	**Wahiba Aous**	Activities of Aromatic Plant Hydrosols as Larvicides and Repellents against Culex pipiens: A Sustainable Bio-Based Approach
15.	**Wahiba Aous**	Evaluation of the Insecticidal Activity of Mandarin Essential Oil on Stored Tribolium Populations
16.	**Ping An**	Mitigating salinity stress in spinach (Spinacia oleracea L.): The role of extended photoperiods on growth, physiology, and metabolic profiles
17.	**Filiz Vardar**	Comparative Analysis of Antioxidant Capacity and Photosynthetic Pigments in Bulgarian Pepper (Capsicum annuum L.) Cultivars under Water Deficit Conditions
18.	**Miguel Leão de Sousa**	FruitPV: Agrivoltaic Solutions for Climate-Resilient High-Density Mediterranean Apple Orchards
19.	**Catalina Calin**	Innovative Controlled-Release Fertilizers for Enhancing Nutrient Availability in Sustainable Agricultural Systems
20.	**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
21.	**Cláudia Pessoa**	Foliar zinc biofortification of bread wheat under irrigated and rainfed Mediterranean conditions
22.	**Stefan Shilev**	Soil Eukaryome of Sweet Maize in Response to Organic and Mineral Fertiliser Application

23.	**Teodora Tomova**	Teodora Tomova Soil Biological Indicators and Rhizosphere CO2 Emission Dynamics under Different Fertilization Regimes in a Field Experiment with Squash (Cucurbita Moschata)
24.	**Susana Ferreira**	Partial Replacement of Mineral Fertilizers with Organic Amendments Sustains Apple Tree Performance under Mediterranean Conditions
25.	**Giulia Mozzo**	Giulia Mozzo Developing a short hop supply chain in Tuscany: cultivation, on-farm drying and cone preservation
26.	**Anna Lehmann-Skoczylas**	The effect of crop rotation and catch crops on selected properties of light soil
27.	**Anna Caccavo**	Anna Caccavo Effect of Compost Soil Incorporation and Turfgrass Cultivar Selection on Turf Performance Under Non-Irrigated Conditions
28.	**Maria Magdalena Turek Rahoveanu**	Precision Agriculture in a Bibliometric Approach
29.	**Du Jun**	Effects of climate change on yield of highland barley in Xizang

Poster Session B (S1, S4, S6, S7) Day 2 – Thursday, 22 October 2026 Lunch Break 12:20–13:35 & Coffee Break 15:10–15:50		
1.	**Paulo Legoinha**	Paulo Legoinha Particle size influence in water absorption capacity of a commercial biochar for agricultural applications
2.	**Arkadiusz Matuszewski**	Kokogel: A novel microbially enriched hydrogel-containing fertilizer derived from poultry manure for improving soil quality and supporting wheat productivity
3.	**Claudia Sánchez**	Soil organic matter and its impact on apple postharvest quality
4.	**Vera Thoss**	Temperate agroforestry systems increase abundance and functional diversity of earthworm communities
5.	**Olha Kachalova**	Olha Kachalova Machine Learning Reveals Soil-Type-Specific Drivers of Soil Health Change in Czechia
6.	**Vesna Mrvić**	Vesna Mrvić Bacterial inoculation effect on nickel concentrations in Medicago sativa: Bioaccumulation potential
7.	**Agnieszka Kuźniar**	Agnieszka Kuźniar Ecological Indicators of Earthworm Effects on Soil Microbial Biodiversity
8.	**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)
9.	**Thanunchanok Chairin**	Formulation Optimization and Immune Priming Effects of Trichoderma virens for Sustainable Oil Palm Basal Stem Rot Management
10.	**Maria Luisa Dindo**	Effects of a Sweet Orange Essential Oil-Based Biopesticide on Exorista larvarum, a Tachinid Parasitoid with Dual Ecological Functions
11.	**Kristijan Franin**	Kristijan Franin Biostimulatory and Allelopathic Effects of Selected Plant Extracts on Germination of Vegetable Seeds
12.	**Agnieszka Kuźniar**	Agnieszka Kuźniar Bacterial Biopreparations as Modulators of Soil Algal Growth during Biocrust Formation
13.	**Fernando Lidon**	Effects of biostimulant application on durum wheat grain quality
14.	**Maria Manuela Silva**	Biostimulant-mediated modulation of nutrient dynamics in durum wheat
15.	**Pongrawee Nimnoi**	Synergistic Effects of Pseudomonas and Bacillus Inoculants on Plant Productivity, Soil Bacterial Succession, and Functional Metabolic Pathways
16.	**Srinivasan Sivakumar**	Degradation of methyl orange dye employing an endophytic Streptomyces sp. and its application in agriculture
17.	**Stefano Benvenuti**	Ecosystem service provided by sown wildflower strips
18.	**Stefania Galletti**	Enhancing tomato (Solanum lycopersicum L.) tolerance to biotic stress through seed biopriming with algal extracts and derivatives
19.	**Jolanta Kowalska**	Improving the use of biological pesticides and natural biostimulants to protect winter rapeseed in organic farming system
20.	**Hope Namara**	Application of Regenerative Agriculture Practices across Central Europe: A bibliometric review
21.	**Milan Stevanovic**	Farm Competitiveness and Climate-Smart Investment Portfolios: Post-Investment Evidence from the Serbia Competitive Agriculture Project
22.	**Paulo Henrique Montagnana Vicente Leme**	Between perception and adoption: innovation attributes in the use of digital technologies in coffee farming
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24.	**Gessica Altieri**	A two-year field study on the susceptibility of hazelnut cultivars to the filbert big bud mite Phytoptus avellanae Nalepa
25.	**Erica Errico**	Erica Errico Soil health–based sustainable strategies for managing soilborne pathogens in strawberry production
26.	**Renata Biziene**	Association of SNP9–9224292 with Virus-Specific Susceptibility and Coinfection Frequency in Honey Bees (Apis mellifera)
27.	**Justina Dambrauskaite**	Antimicrobial Peptide Gene Expression in Virus-Infected Honey Bees: Implications for Pollinator Health
28.	**Vongai Paradza**	Pest status of Phthorimaea spp. in South African potato production and the potential of entomopathogenic fungi for integrated pest managemen
29.	**Nijolė Pečiulaitienė**	Detection of Antibiotic Resistance Genes in Bee Microbiota
30.	**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
31.	**Qaiser Javed**	Modified Brewer's Spent Yeast as a Sustainable Attractant for Mediterranean Fruit Fly Management: Evidence from Laboratory and Field Studies
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