

JOINT EVENT ON
PLANT SCIENCE
AND AGRICULTURE

CONFERENCE
PROGRAM

HYBRID EVENT

11-13
SEPT, 2023

VALENCIA
SPAIN

Venue:

Olympia Hotel, Events & Spa
Carrer Mestre Serrano, 5, 46120 Alboraya,
Valencia, Spain

DAY 01

Monday, Sept 11
(In-person)

08:00-08:50

Registrations

08:50-09:00

Opening Ceremony
and Introduction

09:00-10:20

In-person
Keynote Presentations

10:20-16:20

In-person
Oral Presentations

16:40-18:00

In-person
Poster Presentations

IN-PERSON

VIRTUAL

Day 01 Break Timings

11:00-11:20 Coffee Break

13:00-14:00 Lunch Break

16:20-16:40 Coffee Break

Day 02 Break Timings

11:00-11:20 Coffee Break

13:00-14:00 Lunch Break

16:40-17:00 Coffee Break

DAY 02

Tuesday, Sept 12
(In-person & Virtual)

08:30-09:00

AV check

09:00-16:40

In-person
Oral Presentations

17:00-20:20

Virtual
Oral Presentations

DAY 03

Wednesday, Sept 13
(Virtual Room 01)

08:30-09:00

AV check

09:00-11:30

Virtual Keynote
Presentations

11:30-12:30

Virtual
Oral Presentations

12:30-12:50

Virtual
Poster Presentation

12:50-18:50

Virtual
Oral presentations

18:50-19:00

Virtual
Poster Presentation

19:00-21:00

Virtual
Keynote Presentations

DAY 03

Wednesday, Sept 13
(Virtual Room 02)

08:30-09:00

AV check

09:00-12:00

Virtual Keynote
Presentations

12:00-12:20

Virtual
Poster Presentations

12:20-20:20

Virtual
Oral Presentations

20:20-20:50

Virtual
Keynote Presentation

Important Note

- The conference program will follow Central European Summer Time (CEST).
- Sometimes there may be small changes in the program due to technical problems or presenters not showing up. To avoid missing any presentations, all presenters are asked to be available for the entire day of their presentation.
- When the program refers to Local Timings, it means that the timing mentioned is based on the time zone of the presenter's country.

DAY 1

IN-PERSON

SEPTEMBER 11, 2023
Monday

KEYNOTE PRESENTATIONS

Central European Summer Time (CEST)

08:00-08:50 | Registrations

08:50-09:00 | Opening Ceremony and Introduction

Moderators:

Julia Shanks, The Farmer's office, United States
Harish B S, University of Horticultural Sciences, India

09:00-09:40

In-Person

Dariusz Panka

Bydgoszcz University of Science and Technology, Poland

Title: Can cold atmospheric plasma be used for plant growth improvement and plant protection in sustainable plant production

09:40-10:20

In-Person

Nelida Lucia Del Mastro

Instituto de Pesquisas Energéticas e Nucleares, Brazil

Title: Novel applications of radiation technology on the production of biodegradable packaging for the food industry

ORAL PRESENTATIONS

Chairs:

Dariusz Panka, Bydgoszcz University of Science and Technology, Poland
Nelida Lucia Del Mastro, Instituto de Pesquisas Energéticas e Nucleares, Brazil

10:20-10:40

In-Person

Julia Shanks

The Farmer's Office, United States

Title: Adjusting crop plans to manage climate risk using financial modeling

10:40-11:00

In-Person

Alberto Acedo

Biome Makers, United States

Title: From science to applications: Microbiome as a bioindicator for management practices

Group Photo

11:00-11:20 | Coffee Break

11:20-11:40

In-Person

Aleksandar Radu

University of Lincoln, United Kingdom

Title: Low-cost in-field determination of soil ion concentration using a portable 3D printed device based on ion-selective electrodes and textile threads

11:40-12:00

In-Person

Juliana Lobo Paes

Federal Rural University of Rio de Janeiro, Brazil

Title: Monitoring by automation of methane gas with use of anaerobic biodigesters and arduino uno plate

Central European Summer Time (CEST)

12:00-12:20 In-Person

Dariusz Panka

Bydgoszcz University of Science and Technology, Poland

Title: NOVA GRASS-symbiotically modified perennial ryegrass- an innovative protection of grasses

12:20-12:40 In-Person

Steve O Sullivan

Caliper Content Services, Ireland

Title: A pesticide label author, regulatory agency reviewer and a digital pesticide label walk into a bar

12:40-13:00 In-Person

Rosa Rivieccio

CREA, Italy

Title: Success of current measures to promote agroforestry in Italy within the EU Common Agricultural Policy

13:00-14:00 | Lunch Break

14:00-14:20 In-Person

Harish B S

University of Horticultural Sciences, India

Title: Influence of photos selective nets and metabolic elicitors on growth, yield and quality of turmeric (*Curcuma longa* L.)

14:20-14:40 In-Person

Basavanagowda M G

ICAR Taralabalu Krishi Vigyan Kendra, India

Title: Nutrigardens-A way forward to achive nutritional food security in rural areas

14:40-15:00 In-Person

Erhan Akalp

Dicle University Faculty of Agriculture Department, Turkey

Title: Ethyl Methane Sulfonate mutagen (EMS) studies in pepper (*Capsicum Annum* L.) breeding variety

15:00-15:20 In-Person

Nelson Barau

Pacific Adventist University, Papua New Guinea

Title: A baseline study of the presence of the radioactive Isotope Cs-137 in the central province of Papua New Guinea

15:20-15:40 In-Person

Layla S Tawfeek

Cairo University, Egypt

Title: Bioactive properties of some phenolic compounds fractionated from pomegranate peels crude juice

15:40-16:00 In-Person

Juliana Lobo Paes

Federal Rural University of Rio de Janeiro, Brazil

Title: Anaerobic digestion of wood sector and sewage treatment plant wastes to produce biogas

16:00-16:20

In-Person

Ernestina Valadez Moctezuma
Universidad Autónoma Chapingo,
Mexico

Title: Valuable resource for fructans genes in *Agave angustifolia* inferred through transcriptome analyses

16:20-16:40 | Coffee Break

(16:40-18:00) POSTER PRESENTATIONS

Poster Judge:

Nelida Lucia Del Mastro, Instituto de Pesquisas Energéticas e Nucleares, Brazil

P1

In-Person

Christopher Atkinson
Leibniz Centre for Agricultural
Landscape Research, Germany

Title: The susceptibility of gramineous and non-gramineous weeds to *Fusarium culmorum* infection

P2

In-Person

Madara Darguza
Latvia University of Life Sciences
and Technologies, Latvia

Title: Productivity of crop rotation applying different tillage practices

P3

In-Person

Mariella Mattos da Silva
Federal University of Espirito
Santo, Brazil

Title: Antioxidative and productive potential of Restinga shrub species

P4

In-Person

Mariella Mattos da Silva
Federal University of Espirito
Santo, Brazil

Title: Chlorophyll fluorescence excitation techniques reveal community-level physiological characteristics of Brazilian Coastal Restinga

P5

In-Person

Sabrina Garcia Broetto
Federal University of Espirito
Santo, Brazil

Title: Differential responses to precipitation peak and metallic stress in species of restinga plants from the Brazilian coastal region

P6

In-Person

Sabrina Garcia Broetto
Federal University of Espirito
Santo, Brazil

Title: The rainfall effect and different levels of chemical elements on chlorophyll a fluorescence parameters in a Brazilian restinga species

P7

In-Person

Ryan Tay
Singapore Institute of
Technology, Singapore

Title: Isolation and identification of plant probiotics for leafy greens



Central European Summer Time (CEST)

P8 In-Person

Martina Grdisa
University of Zagreb, Croatia
(Hrvatska)

Title: Determination of volatile organic compounds from the leaves of salvia species (s. *Officinalis*, s. *Fruticosa* and s. *X auriculata*) growing on the Island of vis, Croatia

P9 In-Person

Victor Petcu
National Agricultural Research and Development Institute, Romania

Title: Intercropping of grain legumes, spring cereals and oil crops for increasing land-use efficacy, biodiversity and resilience of agroecosystems

P10 In-Person

Jongtae Lee
Gyeongsangnam-do Agricultural Research and Extension Services, Korea, Republic of

Title: A multiple regression model of wheat grain yield in response to meteorological conditions in Gyeongsangnam province, Republic of Korea

P11 In-Person

Changhee Son
Gyeongsangnam-do Agricultural Research and Extension Services, Korea, Democratic People's Republic of

Title: Effects of irrigation criteria on soybean grain yield and irrigation water use efficiencies under subsurface drip irrigation in a silt loam soil

P12 In-Person

Panagiota I Kontou
University of Thessaly, Greece

Title: Native Greek hop plants: Study of antimicrobial and antiproliferative activity of extracts

P13 In-Person

Panagiota I Kontou
University of Thessaly, Greece

Title: Phytoconstituents of the aromatic plants hop and stevia present antiproliferative activity on cancer cells: A systematic review and meta-analysis

P14 In-Person

Eva Horvath
University of Debrecen, Hungary

Title: Examination of the relative chlorophyll content and yield of maize in different crop years

P15 In-Person

Geraldo Rossoni Sisquini
Federal University of Espirito Santo Brazil

Title: Technological evolution of the SICAR platform and contributions to compliance with the Brazilian forest code



End of Day 1

DAY 2

IN-PERSON & VIRTUAL

SEPTEMBER 12, 2023

Tuesday

ORAL PRESENTATIONS

Central European Summer Time (CEST)

08:30-09:00 CEST | AV check

Moderators:

Marouane Ben Massoud, University College Cork, Ireland
Sophia Thao, California State University, United States

09:00-09:20 In-Person

Diolina Moura Silva
Federal University of Espirito Santo, Brazil

Title: Molecular and physiological screening of two papaya cultivars infected with Papaya Meleira Virus (PMeV)

09:20-09:40 In-Person

Snjezana Mihaljevic
Ruder Boskovic Institute, Croatia (Hrvatska)

Title: Transcriptomic approach reveals salicylic acid-dependent expression of host genes in potato-viroid interaction

09:40-10:00 In-Person

Pratima Greedharry
Food and Agricultural Research and Extension Institute, Mauritius

Title: In vitro propagation of garlic (*Allium sativum* L) from meristem culture

10:00-10:20 In-Person

Berna Tunali
Ondokuz Mayıs University, Turkey

Title: Determination of prevalence, pathogenicity, races and vegetation compatibility groups of fusarium oxysporum f.sp lycopersici and F. oxysporum f.sp radialis lycopersici obtained from tomatoes in Central Black Sea Region of Turkey

10:20-10:40 In-Person

Patricia Bourguignon Soares
Federal University of Espirito Santo, Brazil

Title: Visual analytics as a technological tool for communicating of monitoring the risk situation and dangerous alert of restinga vegetation

10:40-11:00 In-Person

Danijela Poljuha
Institute of Agriculture and Tourism, Croatia (Hrvatska)

Title: Dr Jekyll and Mr Hyde: Two-Faced invasive plants

11:00-11:20 | Coffee Break

Central European Summer Time (CEST)

11:20-11:40 In-Person

Nata Carlos Lira Madeira
Federal University of Espirito Santo, Brazil

Title: Characterization of bioactive compounds and antioxidant activity of pulp and seed of eugenia astringens fruit

11:40-12:00 In-Person

Itji Diana Daud
Hasanuddin University, Indonesia

Title: Effect of growing media on pathogenicity beuveria bassiana (balsamo) vuillemin in against tribolium castaneum (Tenebrionidae: Coleoptera)

12:00-12:20 In-Person

Myroslava Vovk
M. Gryshko National Botanical Garden NAS of Ukraine, Ukraine

Title: The anatomical and morphological structure of generative and vegetative spheres of Conophytum aequale L. Bolus (Aizoaceae, Ruschioideae) in order to study the evolutionary adaptation to arid conditions and searching criteria for genus systematization and phylogeny

12:20-12:40 In-Person

Marouane Ben Massoud
University College Cork, Ireland

Title: Effect of exogenous treatment with Nitric Oxide (NO) on redox homeostasis in barley seedlings (Hordeum vulgare L.) under copper stress

12:40-13:00 In-Person

Qian Chen
Chinese Academy of Agricultural Sciences (CAAS), China

Title: A dynamic shelf-life prediction method considering actual uncertainty: Application to fresh fruits in long-term cold storage

Jianping Chen
Chinese Academy of Agricultural Sciences (CAAS), China

13:00-14:00 | Lunch Break

14:00-14:20 In-Person

El-Hacene Balla
University of Bejaia, Algeria

Title: Comparison study between the semi-automatic press and the super press for olive crushing: Case of seddouk locality (Northeast Algeria)

14:20-14:40 In-Person

Sihle Pokwana
Rhodes University, South Africa

Title: Evaluating social effects of arable field abandonment in communal areas in South Africa

14:40-15:00 In-Person

Diolina Moura Silva
Federal University of Espirito Santo, Brazil

Title: Photochemical efficiency of hose culture CV. Palmer in an agroforest system

15:00-15:20 In-Person

Happy Bango
University of Limpopo, South Africa

Title: NPK fertilizer requirements for Jatropha zeyheri indigenous tea under microplot conditions



15:20-15:40

In-Person

Regina Menino

National Institute for Agrarian and Veterinarian Research, Portugal

Title: Mixed fertilizer/plant' interaction on different soils

15:40-16:00

In-Person

Ayman Mohamed Abd El Razek Ahmed

Agriculture Research Center, Egypt

Title: Genotype X environment interactions and stability analysis for yield and sucrose of some promising sugarcane clones

16:00-16:20

In-Person

Aleksandar Radu

University of Lincoln, United Kingdom

Title: Chemical analysis of Tanzanian soils subjected to four different irrigation schemes

16:20-16:40

In-Person

Islam Zeb

The University of Agriculture Peshawar, Pakistan

Title: Microbial analysis of ready to eat leafy vegetables collected from various areas of district swat, Khyber Pakhtunkhwa

16:40-17:00 | Coffee Break

ORAL PRESENTATIONS

17:00-17:20

Virtual

Xiujing Xing

Provivi, Inc, United States

Title: Synthesis and application of insect Phermone for pest management

17:20-17:40

Virtual

Andrew Littell

Carnegie Mellon University, United States

Title: Crop digitalization: Deep learning, plant-level knowledge and the future of specialty crop farming

17:40-18:00

Virtual

Charith Raj Adkar Purushothama

Université of Sherbrooke, Canada

Title: Strategies to manage hop latent viroid in the Cannabis industry

18:00-18:20

Virtual

Borja Barbero Barcenilla

Texas A&M University, United States

Title: Spaceflight and microgravity response of plant telomeres and telomerase



Central European Summer Time (CEST)



18:20-18:40

Virtual

Priyanka Kushwaha
University of Arizona,
United States

Title: Relationship between plant gene expression and microbial community diversity in remediation of acidic metalliferous mine tailings using compost amendment

18:40-19:00

Virtual

Jose Maria Alvarez de la Puente
The Ohio State University,
United States

Title: Use of biochar as peat replacement in ornamental containerized bedding plant production

19:00-19:20

Virtual

Pete W. Jacoby
Washington State University,
United States

Title: Direct rootzone irrigation for enhancing drought resilience of winegrape vineyards

19:20-19:40

Virtual

Pramod Kumar Gupta
Trees For The Fututure LLC,
United States

Title: Clonal Propagation of douglas-fir via Somatic embryogenesis

19:40-20:00

Virtual

Odunayo James Rotowa
University of Agriculture in
Krakow, Poland

Title: Sustainability: Inward search for outward survival

20:00-20:20

Virtual

Hajer Mohamed Ibrahim
University Of Debrecen, Hungary

Title: Effect of biofertilizer on growth and yield components of Lupine (Lupinus termis L)

End of Day 02



DAY 3

VIRTUAL ROOM 01

SEPTEMBER 13, 2023

Wednesday

KEYNOTE PRESENTATIONS

Central European
Summer Time
(CEST)

Local Timings

08:30-09:00 CEST | AV check

Moderator:

Upma Sharma, Maharana Pratap University of Technology and Engineering, India

09:00-09:30 10:00-10:30

Vashchenko Viktor Fedorovich
Yelets State University, Russian
Federation

Title: Phenotype and quantitative traits-initiation and coordination of growth reactions, cultures of hormone-inhibitors and stimulants

09:30-10:00 17:30-18:00

Pavlovskaya Ninel Efimovna
Orlov State Agricultural
University, Russian Federation

Title: Plant physiology-The theoretical basis of crop production

10:00-10:30 11:00-11:30

Valasia Iakovoglou
UNESCO, Greece

Title: Enhancing seedling transplant methods while conserving water

10:30-11:00 14:00-14:30

Vijayan Gurumurthy Iyer
Bihar Institute of Public
Administration & Rural
Development, India

Title 1: Green chemistry applications for the climate change and control with a case study and check on design and development of gin rollers used in Indian cotton double roller gins towards sustainable industrial development
Title 2: An assessment of environmental quality loss function deployment for Indian double roller cotton ginning environment

11:00-11:30 14:30-15:00

Anoop Kumar Srivastva
ICAR-Central Citrus Research
Institute, India

Title: Paradigms of green biology based fruit production system

ORAL PRESENTATIONS

11:30-11:50 17:30-17:50

Xiang Lu
Guizhou University, China

Title: Tartary buckwheat serine/threonine-protein kinase FtAUR3 enhance plant salt resistance



11:50-12:10

17:50-18:10

Venus H Elec

University of the Philippines,
Philippines

Title: Decoding the genetic diversity of Philippine strawberries through genome-wide molecular marker analysis

12:10-12:30

18:10-18:30

Mengyu Zhao

Guizhou University, China

Title: Cloning of a transcription factor gene FtDREB6 in tartary buckwheat (*fagopyrum tataricum*) and identification of its function in drought resistance

POSTER PRESENTATION

12:30-12:50

19:30-19:50

Hyun-Sook Lee

National Institute of Crop
Science, Korea, Republic of

Title: Genetic analysis of rice blast resistance in Korean japonica rice variety 'Saeilpum'

ORAL PRESENTATIONS

12:50-13:10

12:50-13:10

Enrique Figueroa Luque

University of Seville, Spain

Title: Does the expansion of *limoniastrum monopetalum* facilitate the maintenance of the parasitic species *cistanche phelipaea* in Mediterranean Estuaries

13:10-13:30

16:40-17:00

F. K. Chaudhary

Sardarkrushinagar Dantiwada
Agricultural University, India

Title: Cow urine enriched botanicals: Green weapon against golden fly in muskmelon

13:30-13:50

14:30-14:50

Halil Koyu

Izmir Katip Celebi University,
Turkey

Title: Subcritical water extraction of *raphanus sativus* red meat radix: A sustainability goal challenge

13:50-14:10

13:50-14:10

Chiara Broccanello

University of Verona, Italy

Title: Landscape genomics of durum wheat (*Triticum turgidum* L. ssp durum) Algerian landraces to elucidate the genetic basis of adaptation: A pilot study

14:10-14:30

22:10-22:30

Vashchenko Viktor Fedorovich

Yelets State University,
Russian Federation

Title: Paradigm of adaptation and agro-climatic potential, growth and development intact plant





14:30-14:50

14:30-14:50

Elena Mateos Martínez
Universidad de Sevilla, Spain

Title: Effect of autumnal senescence on the photosynthetic efficiency of urban deciduous trees

14:50-15:10

14:50-15:10

Lea Vojta
Ruder Boskovic Institute,
Croatia (Hrvatska)

Title: Thylakoid rhodanase-like protein in chloroplast inner envelope forms complexes with FNR and Tic62 and its absence from thylakoids enables plants to better cope with oxidative stress

15:10-15:30

15:10-15:30

Zenzile Khetsha
Central University of Technology,
South Africa

Title: Abscisic acid and methyl jasmonate concentration and application periods on the essential oil biosynthesis of simulated hail-damaged rose geranium (*Pelargonium graveolens* LHer. cv. Bourbon)

15:30-15:50

19:00-19:20

Ashok Kumar
Sardar Vallabh Bhai Patel
University of Agriculture and
Technology, India

Title: ICT application for prediction of physical properties of soil for digitization

15:50-16:10

16:50-17:10

Burcu Sumer Tuzun
Ege University, Turkey

Title: Volatile components of *centaurea scleroiepis* boiss and its in-vitro biological activities

16:10-16:30

19:40-20:00

Upma Sharma
Maharana Pratap University Of
Agriculture And Technology,
India

Title: Interpolating salinity and water logging status using spatial analysis tools

16:30-16:50

20:00-20:20

D J Patel
Anand Agricultural University,
India

Title: Bio management of plant parasitic nematodes to enhance crop production in India

16:50-17:10

20:20-20:40

Vijayan Gurumurthy Iyer
Bihar Institute of Public
Administration & Rural
Development (BIPARD) India

Title: Environmental Health Impact Assessment (EHIA) process and green chemistry for the Indian chromium leather tanneries towards sustainable industrial development

17:10-17:30

17:10-17:30

Ivana Sola
University of Zagreb, Croatia
(Hrvatska)

Title: Temperature-induced phytochemical adaptations of broccoli and consequences on the biological effects of its extracts





17:30-17:50

16:30-16:50

Dandjinou Luc Houemagnon
Songhai Center, Benin

Title: Restoring our soil for a new and sustainable agriculture: Anabiosis a possibility

17:50-18:10

9:50-10:10

Abdul Khalil Gardezi
Graduate College, Mexico

Title: Soil bioremediation method using abelmoschus esculentus (OKRA) culture inoculated with fluorescent bacteria

18:10-18:30

21:40-22:00

Susmita Shukla
Amity University Uttar Pradesh,
India

Title: Growing towards a greener future: Plant science driving sustainability

18:30-18:50

19:30-19:50

Valasia Iakovoglou
UNESCO, Greece

Title: BS963-protect-streams-4-sea: A collaborative initiative for maintaining the cleanliness of the Black Sea

POSTER PRESENTATION

18:50-19:00

09:50-10:00

Sophia Thao
California State University,
United States

Title: Investigating the co-localization of histone H3 and mitochondria in *A. Thaliana*

KEYNOTE PRESENTATIONS

19:00-20:00

12:00-13:00

Benigno Villalo
Texas A&M University,
United States

Title: The science of nutritional foods for health and other wellness information about cardiovascular diseases and cancers

20:00-20:30

11:00-11:30

**Edgar Omar Rueda Rueda
Puente**
University Of Sonora, Mexico

Title: New biotechnologies experiences: Cannabis spp. as a New form to produce under dry arid and deserts zones

20:30-21:00

15:30-16:00

Jorge A. Zavala
University of Buenos Aires,
Argentina

Title: Plant response to a new pest of corn the stink bug *diceraeus furcatus*

End of Day 03 Room 01 Session



DAY 3

VIRTUAL ROOM 02

SEPTEMBER 13, 2023

Wednesday

KEYNOTE PRESENTATIONS

Central European
Summer Time
(CEST)

Local Timings

08:30-09:00 CEST | AV check

Moderators:

Shumaila Shahid, ICAR-Indian Agricultural Research Institute, India
Sunita Kushwah, Dr. Rajendra Prasad Central Agricultural University, India

09:00-09:30

12:30-13:00

Shashi Vemuri

Professor Jayashankar Telangana
State Agricultural University,
India

Title: Crop security: The key to food security

09:30-10:00

15:30-16:00

Sarker Mohammad Rezaul Karim

Univesiti Putra Malaysia,
Malaysia

Title: Production of green hydrogen from farm and food wastes: A project for generation of low-cost renewable energy and eco-friendliness

10:00-10:30

13:30-14:00

J. C. Tarafdar

Indian Agricultural Research
Institute, India

Title: Nanofertilizer: Key player for global farming and higher food production

10:30-11:00

11:30-12:00

Linas Balčiauskas

Nature Research Centre,
Lithuania

Title: Small Mammals in a Baltic Country, 1975-2022

11:00-11:30

14:30-15:00

Soumen Bhattacharjee

The University of Burdwan, India

Title: Drought stress induced redox biology of flag leaf and its impact on kernel aroma quality and productivity of some Indigenous aromatic rice cultivars of Rarh West Bengal, India

11:30-12:00

15:00-15:30

V. P. S. Arora

Professor Emeritus, Sharda
University, India

Title: Indian Agriculture @75: Development issues and challenges



POSTER PRESENTATIONS

12:00-12:10 17:00-17:10

Krittaya Petchpoung
Kasetsart University, Thailand

Title: Color characteristic, active compounds and antioxidant activity of Java tea

12:10-12:20 13:10-13:20

Larisa Caisin
Technical University of Moldova,
Moldova, Republic of

Title: Effect of broilers chicken diet supplementation with peat additive on growth performance and quality of produced breast meat

ORAL PRESENTATIONS

12:20-12:40 19:20-19:40

Gun Mardiatmoko
Pattimura University, Indonesia

Title: Drone mapping of the potential of sago forest for food security and management of climate change

12:40-13:00 12:40-13:00

Nkosomzi Sipango
North West University,
South Africa

Title: Effect of different cutting intervals on the nutritive value, in vitro dry matter degradability and intake relative palatability indices of macrotyloma axillare legume residues and grass hay in boer goats

13:00-13:20 13:00-13:20

Onke Hawu
North-West University,
South Africa

Title: Legume residues can enhance the quality of maize straw silage

13:20-13:40 16:50-17:10

Subhas Chandra Datta
Kanchannagar D. N. Das
High School (HS), India

Title: Ecology of biomedicine physiology in agriculture horticulture enhances food-security wildlife-biodiversity-conservation science-technology-communication issues

13:40-14:00 14:40-15:00

Lior Rubinovich
Migal-Northern Agriculture R&D,
Israel

Title: Development of quinoa (*Chenopodium quinoa*) as a new multi-purpose crop in Israel

14:00-14:20 14:00-14:20

Augusta Costa
Instituto Nacional de
Investigação Agrária e
Veterinária, Portugal

Title: Preferential allocation of currently assimilated carbon in young cork oaks (*Quercus suber* L.)





14:20-14:40 17:50-18:10

Sunita Kushwah
Dr. Rajendra Prasad Central
Agricultural University, India

Title: Climate Resilient Agriculture (CRA) techniques for climate change adaptation

14:40-15:00 12:40-13:00

Koffi Christophe Kobenan
National Centre of Agronomic
Research, Cote d'Ivoire

Title: In vitro and molecular docking evaluation of larvicidal effects of essential oils of five aromatic plants on the fall armyworm *Spodoptera frugiperda* JE. Smith (Lepidoptera: Noctuidae) from Ivory Coast

15:00-15:20 18:30-18:50

Bagavathi Ammal
Pajancoa & Ri, India

Title: Prediction equation for brinjal crop in Mannadipet soil series of Puducherry

15:20-15:40 15:20-15:40

Abu Zar Ghafoor
Warsaw University of Life
Sciences, Poland

Title: Influence of crop management on stability rye yield and some grain quality traits

15:40-16:00 19:10-19:30

C Ravindran
Tamil Nadu Agricultural
University, India

Title: Underutilized horticultural crops for nutritional security

16:00-16:20 14:00-14:20

Sire Diedhiou
Universite Assane Seck
Ziguinchor, Senegal

Title: Effects of organic amendments on the dynamic and composition of herbaceous species in a saline environment in Lower Casamance (Senegal)

16:20-16:40 16:20-16:40

Tsitsi Sithandiwe Maponga
South African Environmental
Observation Network, South
Africa

Title: Functional and species composition of understory plants varies with mistletoe-infection on host trees in a semi-arid African savanna

16:40-17:00 09:40-10:00

Andrés J. Cortés
Corporación Colombiana de
Investigación Agropecuaria-
AGROSAVIA, Centro de
Investigación La Selva, Km 7 vía
Rionegro-Las Palmas, Rionegro,
Colombia

Title: Crop modeling for future climate change adaptation

Facultad de Ciencias Agrarias-
Departamento de Ciencias
Forestales, Universidad Nacional
de Colombia-Sede Medellín,
Medellín, Colombia



17:00-17:20 17:00-17:20

Phumzile Sibisi
University of South Africa,
South Africa

Title: Argonaute 5 (TaAGO5) gene functions in wheat-Russian wheat aphid interaction

17:20-17:40 20:50-21:10

Senaka Lalith Dharmasri Amarathunga
Uva Wellassa University,
Sri Lanka

Title: Assessing the effectiveness of digital farm field school extension approach for technology dissemination to tea smallholdings in Sri Lanka

17:40-18:00 21:10-21:30

Shumaila Shahid
Indian Agricultural Research
Institute, India

Title: Fusarium wilt disease-A threat to cucurbits

18:00-18:20 21:30-21:50

Vir Singh
GB Pant University of Agriculture
and Technology, India

Title: Cultivating resilience: The synergy of farmers and nature in Himalayan agriculture

18:20-18:40 21:50-22:10

Abhishek Kumar Singh
Banaras Hindu University, India

Title: Phytochemicals as natural feed additives for ruminants

18:40-19:00 22:10-22:30

Mahendra Singh Pal
G. B. Pant University of
Agriculture & Technology, India

Title: Effect of cutting and splitting of nitrogen doses on yield, quality and economics of fodder oat in Indo-Gangetic plains of India

19:00-19:20 22:30-22:50

Mahendra Singh Pal
G. B. Pant University of
Agriculture & Technology, India

Title: Bio-fortification of zinc and iron through agronomic manipulation in fodder crops

19:20-19:40 22:50-23:10

Sreeni K R
Sarvathobhadram
Organic-Farmers, India

Title: Sarvathobhadram-organic initiative: Cooperative model for resilient agriculture by adopting system of rice intensification

19:40-20:00 19:40-20:00

Margaret Mukami Gitau
Biological Research Centre,
Hungary

Title: Plant biostimulant effect of eukaryotic green microalgae on *Solanum lycopersicum*



20:00-20:20

15:00-15:20

Laura Martins de Carvalho
Campinas State University
(UNICAMP), Brazil

Title: Urban community gardens as a means of female empowerment and urban sustainability: Tackling gender inequality and illegal waste disposal

KEYNOTE PRESENTATION



20:20-20:50

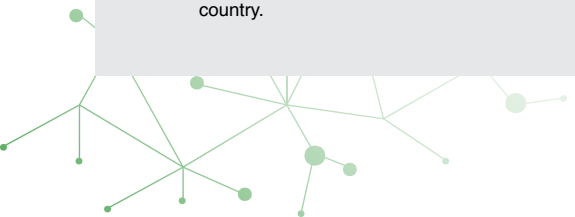
11:20-11:50


Dachang Zhang
Water & Eco Crisis Foundation,
United States

Title: Suitaiology: Systematic control of water in mountainous regions for sustainable development

****END NOTE****

- The conference program will follow Central European Summer Time (CEST).
- Sometimes there may be small changes in the program due to technical problems or presenters not showing up. To avoid missing any presentations, all presenters are asked to be available for the entire day of their presentation.
- When the program refers to Local Timings, it means that the timing mentioned is based on the time zone of the presenter's country.





*We wish to meet you again at our
upcoming events next year...*

Questions? Contact

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e-mail: secretary@magnusconference.com

