

Global Plant Science and Plant Biology Community and Network

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2ND WORLD CONGRESS ON

ADVANCES IN PLANT SCIENCE AND PLANT BIOLOGY

JULY 13-14, 2026 | BERLIN, GERMANY

Theme: "Advancing Plant Science and Biology:
Cutting-Edge Technologies and Sustainable Solutions"

ADV. PSPB 2026



SUB THEMES

- Innovations in Plant Biotechnology: Pioneering Sustainable Solutions
- Plant Genetics and Genomics: Unlocking the Secrets of Crop Improvement
- Sustainable Agriculture and Food Security: Bridging Science and Practice
- Climate Resilience in Plant Systems: Adapting to Global Changes
- Emerging Technologies in Plant Research: From Bench to Field Applications
- Integrative Plant Biology: Connecting Molecules to Ecosystems
- Plant-Based Biologics: Transforming Medicine and Industry
- Conservation and Biodiversity: Preserving Plant Heritage for Future Generations

WHY TO ATTEND?

What you take

Attending a plants science conference offers a unique opportunity to connect with leading professionals, explore emerging trends in plant science and plant biology, and gain insights into groundbreaking innovations. It plays a vital role in career development by enhancing clinical knowledge, expanding skill sets, and opening new doors for collaboration and advancement.

125
+



EDUCATIONAL
SESSIONS

60
+



INTERNATIONAL
SPEAKERS

20
+



HOURS OF
NETWORKING EVENTS

12
+



INNOVATIVE
FEATURED SPEAKERS

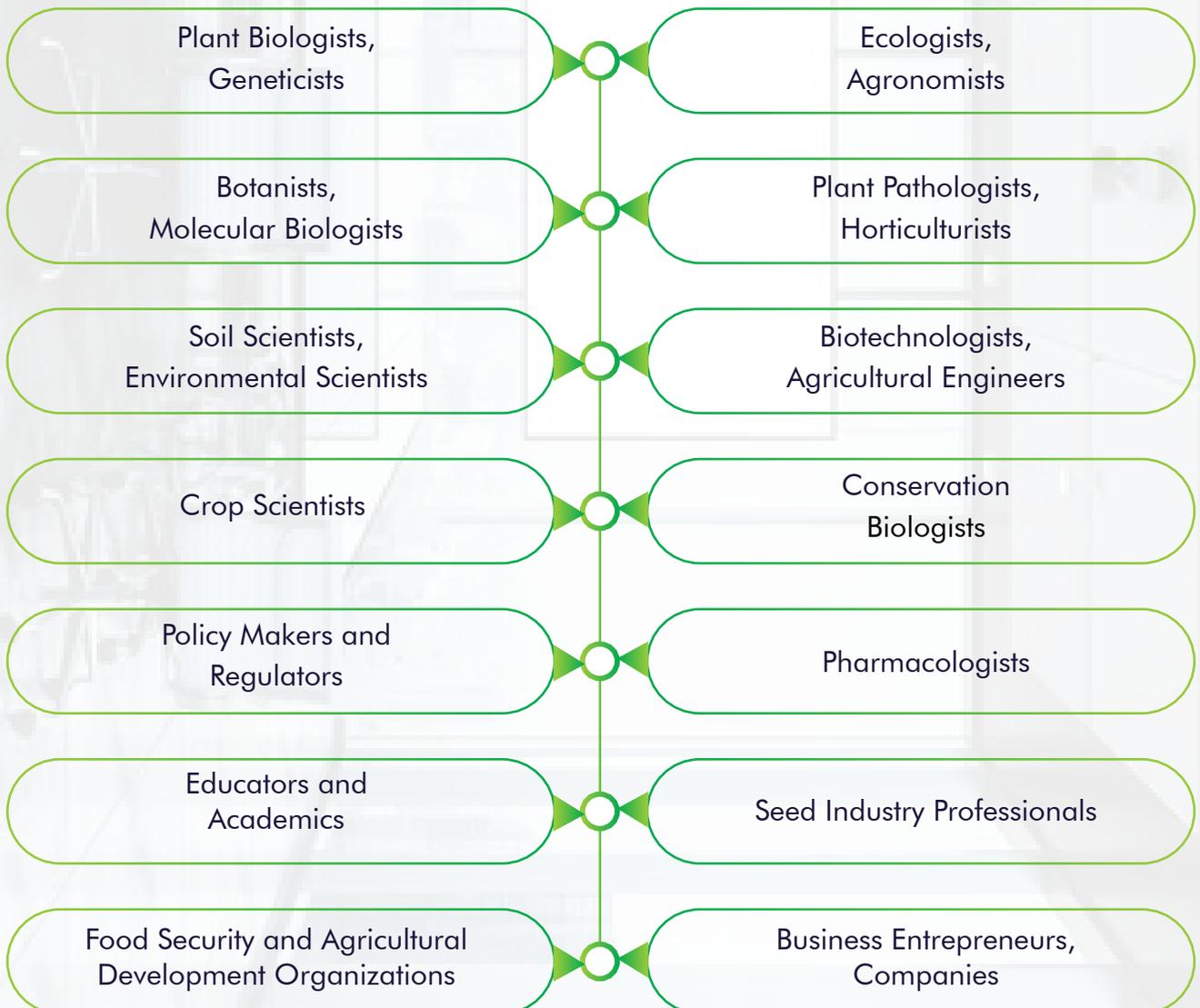
02



02 Day
Conference



WHO SHOULD ATTEND?





SRINIVASA RAO MENTREDDY

Ph.D. Professor and Chairman

Department of Natural Resources and Environmental Sciences College of
Agricultural, Life and Natural Sciences Normal, Alabama, USA



Welcome to the 2nd World Congress on Advances in Plant Science and Plant Biology July 13-14, 2026, Berlin, Germany

It is indeed my pleasure and a privilege to welcome each participant at the 2nd World Congress on Advances in Plant Science and Plant Biology in Berlin, Germany. As the human population expands at geometric proportions, the need for science-based solutions to agricultural production, product development, and utilization-related challenges is becoming increasingly apparent and vital. Agricultural production is not business as usual. As climate-change effects are burgeoning perceptibly in our day-to-day lives, agriculture must shift to climate-smart practices to sustain the environment. Science has and continues to innovate continuously and find solutions to feed the masses and improve living standards! This conference, with experts in 54 technical topics related to Plant Science and Plant Biology, aims to provide a forum for the exchange of scientific ideas and research findings, stimulate the development of research-based solutions for efficient and innovative means of ensuring food safety and security, foster networking, and provide ambiance for researchers, scientists, students, and industry professionals to meet, interact and develop relationships. We will be discussing issues related to a myriad of topics including but not limited to genomics to agronomy, climate change effects, soils, micro and macro biomes, phytochemistry, genetics, biochemistry, biotechnology/molecular biology, postharvest processing/handling and manufacturing techniques. These topics are crucial in our collective efforts to improve the quality and standards of human life through innovative research in plant science and plant biology!

Your participation, sharing of knowledge, and interaction with one another are crucial as we strive to ensure food production, food safety, and food security through a better understanding of plant science and biology. Together, we push the frontiers of science further in our efforts to mitigate the effects of climate change on agriculture, food safety, and security. On behalf of the organizers and program committee, I hope you will find this conference and venue most productive and enjoyable and that you leave with a deeper understanding of our shared goals.

Srinivasa Rao Mentreddy,

Ph.D. Professor and Chairman

Department of Natural Resources and Environmental Sciences College of Agricultural,
Life and Natural Sciences Normal, Alabama, USA

MARIA ANGELICA OUELLETTE

Research Scientist
Lakeland Agricultural Research Association, Canada



Dear Distinguished Scholars and Colleagues,

It seems that we have created all the tools for survival and thrive but still fail to make our existence go along with the course of nature. In some of these cases it seems that one solution is actually another problem caused to resolve a previous problem. But as the humans that we are it is in us to never give up and find in us answers to make a better world, where not only we can live in harmony with each other but also in tune with the world that sustains us and gives us so much to keep on living.

At the World Congress on Advances in Plant Science and Plant Biology, we welcome you to show us a way to see the world differently. To use ancient knowledge and remarkable innovation and promote avenues to inspire, research and with patience and persistence keep discovering the unknown.

We greatly appreciate you joining us on this wonderful quest. It is envisioned that these two days are part of your journey towards better world sustainability.

Warm regards,

Maria Angelica Ouellette PhD.

Research Scientist

Lakeland Agricultural Research Association, Canada

PRESENTATION FORUM



01

KEYNOTE FORUM / MINI-PLenary SESSIONS

Presentations under Keynote Forum or Mini-Plenary Sessions includes abstracts with remarkable research value selected by the program committee. These significant speeches are delivered by globally recognized honorable speakers and it is open to all registrants.

DISTINGUISHED SPEAKERS FORUM (ORAL ABSTRACT SESSIONS)

In this forum, speakers and experts of the research field gets an opportunity to showcase their noble research work that involves comprehensive research findings. These formal oral presentations include a wide range of talks covering basic research to advanced research findings in accordance to the theme and scientific sessions of the conference.

02

03

STUDENT FORUM / POSTER SESSION

This session is particularly introduced to encourage more number of student participation at international conferences, however it is not restricted only to students since it is also available for the participants with language barrier. There are specific guidelines to be followed to prepare the poster. Poster topic should be selected only from relevant scientific sessions with in-depth technical details.

YOUNG INVESTIGATORS FORUM

An exclusive opportunity for students and young investigators to present their research work through a formal oral presentation. Young Investigators Forum provides a global platform for young researchers and scholars to showcase their valuable contribution to the scientific world and to get acknowledged by the global scientific community of experts. It is an excellent opportunity to recognize young scientific assets with promising research ideas. These oral presentations are of shorter time duration with 10-15 minutes of informative and precise presentations in relevant scientific sessions.

04

05

EDUCATIONAL WORKSHOPS/RESEARCH WORKSHOPS/ CORPORATE WORKSHOPS/MINI- SYMPOSIA

With an aim of transferring knowledge among the participants, workshops are introduced as a part of international conferences. These interactive and occasionally practical sessions gives an opportunity for participants to engage in detail discussion. Workshops are mostly scheduled for 60 to 90-minutes. It may range from learning about a specific topic relevant to international education, products and research which sometimes involves practical demonstration. It helps in enhancing skills, knowledge and understanding of the research field in depth through interactive discussions.

HIGHLIGHTS OF THE DAY SESSIONS

"Highlights of the Day Sessions" is introduced to discuss and focus a ray upon previous day ORAL ABSTRACT presentations by experts to summarise the key findings. It helps in getting better insights into the various dimensions of the topic.

06

07

MEET THE PROFESSOR @ NETWORKING SESSIONS

This session involves open discussion between the experts and session attendees, it gives enough time for getting answers to specific questions and doubts. It is an opportunity for attendees to increase their professional networking, sometimes also leads to an excellent collaboration opportunity.

EDUCATIONAL SESSIONS/ TRAINING PROGRAMS

Educational Sessions or training programs are specifically designed for a better understanding of the latest findings and technologies. These are generally 45-minute sessions that gives an exposure to the multidisciplinary field, that provides in-depth learning experiences and address educational needs.

08

ACADEMIC REGISTRATIONS

BUSINESS REGISTRATIONS

01

Speaker Registration

COMBO A

(Registration +
2 Night Accommodation)

COMBO B

(Registration +
3 Night Accommodation)

Delegate Registration

02

Speaker Registration

COMBO A

(Registration +
2 Night Accommodation)

COMBO B

(Registration +
3 Night Accommodation)

Delegate Registration



STUDENT REGISTRATIONS

ADDITIONAL REGISTRATIONS

Registration

YIF

COMBO A

(Registration +
2 Night Accommodation)

COMBO B

(Registration +
3 Night Accommodation)

Posters

Accompanying Person

E-Poster

Virtual Presentation

Workshops

Start-Ups

03

04

REGISTER & PARTICIPATE

ADV. PSPB 2026



CONCURRENT EDUCATIONAL SESSIONS



MONDAY - JULY 13, 2026



- Plant Genomics
- CRISPR-Cas9 in Plants
- Plant-Microbe Interactions
- Plant Hormones



- Plant Pathology
- Photosynthesis Efficiency
- Plant Biotechnology

GROUP PHOTO | COFFEE BREAK



- Crop Improvement
- Plant Metabolomics
- Plant Proteomics



- Sustainable Agriculture
- Plant Breeding
- Plant Cell Signaling

LUNCH BREAK



- Plant Adaptation
- Phytoremediation
- Plant Defense Mechanisms



- Plant Physiology
- Plant Epigenetics
- Plant Nutrient Uptake
- Plant-Insect Interactions

GROUP PHOTO | COFFEE BREAK



- Transgenic Plants
- Drought Tolerance in Plants
- Plant-Microbiome



- Plant Tissue Culture
- Soil Plant Interactions
- Plant Genetics
- Climate Change Impact on Plants



CONCURRENT EDUCATIONAL SESSIONS



TUESDAY - JULY 14, 2026



- Plant Evolutionary Biology
- Plant Disease Resistance
- Plant Developmental Biology



- Herbicide Resistance
- Plant Ecology
- Plant Bioinformatics
- Aquatic Plant Biology

GROUP PHOTO | COFFEE BREAK



- Plant-Microorganism Symbiosis
- Agricultural Biotechnology
- Plant Growth Regulators



- Molecular Plant Pathology
- Plant Reproductive Biology
- Plant-Environment Interactions

LUNCH BREAK



- Photosynthetic Pathways
- Plant Metabolism
- Plant Immunity



- Allelopathy
- Biotic and Abiotic Stress in Plants
- Plant Synthetic Biology

GROUP PHOTO | COFFEE BREAK



- Aquatic Plant Biology
- Plant Secondary Metabolites
- Plant Phenomics



- Plant-Insect Interactions
- Plant Systematics and Taxonomy
- Genetic Diversity in Plants
- Plant Biomass and Biofuels



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BERLIN, GERMANY

<https://www.plantsciencecoference.com/>

Featured Speakers

Presentation Titles

Carmine Gorga

The Somist Institute, USA

**A Declaration of Economic
Interdependence With Three Applications**

Srinivasa Rao Mentreddy

Alabama A&M University, USA

**Evaluation of Basil (*Ocimum spp.*) for
antidiabetic and antimicrobial properties**

Alice Hayward

The University of Queensland, Australia

**Tissue Culture-Driven Solutions for
Horticulture**

Pannaga Krishnamurthy

National University of Singapore, Singapore

**Translating mangrove ion transport
strategies to engineer salt-tolerant crops**

Christoph Wulf

Freie Universität Berlin, Germany

The Anthropocene as a Challenge

Roberto Aprile

University of Bergamo, Italy

**Implementing and Managing ESG in a
Family Business in the light of Institutional
Theory**

zhongsheng Guo

Northwestern A & F University, China

**Regulation Mechanism of plant resource
relationship regulation Format**

Lin Zhu

Anhui Agricultural University, China

**Most appropriate nozzle of six-rotor
UAV for prescribed spraying liquid in tea
plantation under combined effects of
downwash flow structure**

Abdul Baess Keyhani

Huazhong Agricultural University, China

**Human Traffic Intensity Alters the Soil
Microbial Community Composition,
Diversity, and Structure in Subtropical
Urban Green Spaces**

Yuan-Ming Zhang

Huazhong Agricultural University, China

**New mixed model methodologies for
genome-wide association studies in big-
data and AI era**



SPEAKER SLOTS AVAILABLE

<p>Monira Fayaz Huazhong Agricultural University, China</p>	<p>Impact of Fertilizers Application on Leaf Litter Decomposition and Nutrient Cycling in White Poplar (<i>Populus alba</i> L.) Forest Ecosystem</p>
<p>Heictor Alves de Oliveira Costa University of Campinas, Brazil</p>	<p>Sustainable Agriculture through H₂ S Valorization: An Optimized Electrolysis Approach</p>
<p>Olivia Diulen Costa Brito Marechal Cândido Rondon, Brazil</p>	<p>Proteins of <i>Pycnoporus sanguineus</i> have nematicidal activity and induce resistance to <i>Meloidogyne</i> spp. in Micro-Tom tomato plants</p>
<p>Axell Lins Federal University of Pará (UFPA), Brazil</p>	<p><i>Amyris balsamifera</i> essential oil promotes anesthesia in <i>Colossoma macropomum</i> (Cuvier, 1818): electrophysiological tools in the indication of a therapeutic window</p>
<p>Liliane Santos Camargos School of Engineering, São Paulo State University (UNESP), Brazil</p>	<p>Potential for using tropical legumes in the phytoremediation of soils contaminated with excess micronutrients</p>
<p>Denis Carlos Lima Costa Federal Institute of Education, Science and Technology of Pará – IFPA Ananindeua, Brazil</p>	<p>Analysis of Electrolyzer Cell Memory via Fractional Calculus and Machine Learning for Efficient Green Hydrogen Production</p>
<p>Muhammad Amir Muawiya University of Tuscia, 01100 Viterbo, Italy</p>	<p>Circular Protection Approaches for the Control of Xanthomonadaceae Plant Pathogens: Antibacterial Efficacy of Pomegranate Peel Extract and Cellulose Nanocrystals</p>
<p>J. Javier Espinosa-Aguirre Universidad Nacional Autónoma de México, Ciudad Universitaria, México</p>	<p>Inhibitors of the cytochrome P450 1A subfamily present in edible plants, possible risks and benefits derived from their consumption</p>
<p>Sandra Patricia Melo Mora Santa Librada school, Colombia</p>	<p>Sowers of the natural world</p>
<p>Aura Maryori Cañón Vargas Santa Librada school, Colombia</p>	<p>Sowers of the natural world</p>
<p>Angelica Casanova-Katny Department of Environmental Sciences, Chile</p>	<p>Contrasting Climate Change Impacts on Mountain Ecosystems in Central and Southern Chile</p>



SPEAKER SLOTS AVAILABLE

Sabrina Aghazada & Koji Iwamoto

Malaysia-Japan International Institute of Technology, Malaysia

Isolation and Identification of High Biomass and Lipid Productivity Euglena Strain from Tropical Malaysian Environments for Enhancement of Biofuel Production

Faizal Bin Zulkarnaini

University Technology Malaysia, Malaysia

The Attributes Of Kuala Lumpur City Flash Flood In Rapid Construction City Development Planning

Joseph Gale

Hebrew University of Jerusalem, Israel

How Life and Plants evolved in a Chaotic Universe

Abdulkadiri M. Ramiya

Sokoine University of Agriculture, Tanzania

Recovery of forest land cover due to forest landscape restoration of the Bunduki gap in the Uluguru Nature Forest Reserve, Morogoro, Tanzania

Agatha A. Aloyce

Nelson Mandela African Institution of Science and Technology, Tanzania

Wheat Stem Rust in Tanzania: Navigating Climate Change Challenges for Sustainable Crop Protection

Adolph Katunzi

International Center for Tropical Agriculture, Tanzania

Assessing gender disparities in farmers' access and use of climate-smart agriculture in Southern Tanzania

Salma Ghariani

University of Tunis El Manar, Tunisia

Evaluation Of Agronomic Performance Of Perennial Ryegrass And Tall Fescue Endophytically Infected By Neotyphodium Under Tunisian Conditions

Nidhal Chtourou-Ghorbel

University of Tunis El Manar, Tunisia

Genetic Diversity of Tunisian Tall Fescue Germplasm: Implications for Breeding and Conservation

H C Shrishail

Kuvempu University, Jnana Sahyadri, India

Phytochemical Profiling And Antioxidant Evaluation Of Root Ethanol Extract Of Maesa Indica (Roxb.) Sweet

UZMA SHAKEEL

Nitte Meenakshi Institute Of Technology, India

Translation of Indic Languages Using the Transformer Model

Moumita Chatterjee

V Sivaram Research Foundation, India

Bio-Synthesized Silver Nanoparticles Using leaf extracts of Elephantopus scaber as Anti-Cancer Agent



SPEAKER SLOTS AVAILABLE

Ankur Bhardwaj

Shri Vaishnav Vidyapeeth Vishwavidyalaya, India

Multi-Omics In-Silico Profiling of Syzygium cumini Phytochemicals as Dual Inhibitors of ApoB48 and ApoB100: A Novel Therapeutic Strategy for Atherosclerosis Prevention

Minoo Divakaran

University of Calicut, Kerala, India

Micropropagation Of High Value Crops For Sustainable Agriculture

Rajsekhar Adhikary

University of Gour Banga, India

Lipopeptide iturin C3 from endophytic Bacillus sp. effectively inhibits biofilm formation and prevents the adhesion of topical and food-borne pathogens in vitro and on biomedical devices

Diya

Indira Gandhi Delhi Technical University for Women, India

A Comparative Study for New-Age Attacks in a machine-learning-based Intrusion Detection System using Neural Networks

Jeya Mala

Vellore Institute of Technology, India

Integrating Quantum Artificial Intelligence (QAI) in Smart Agriculture

Surjit Bhattacharjee

St. Joseph's University, India

Identification and Expression Profiling of PP2A Subunits in Camellia sinensis Reveals Key Role of CsPP2A-B9 in Abiotic Stress Response

Manjusha Prattipati Geya Sai,

Osmania University, India

Microbial Diversity and Organoleptic Properties in Traditionally Fermented Pineapple Beverage Ameliorated with Blueberry or Pomegranate

Jainendra Kumar Sharma

University of Delhi, India

Resilient Plants, Resilient Planet: Integrating Science and Governance under Climate Change

Ombir Singh

Forest Research Institute, India

Species Composition and Distribution Mapping of Schleicheria oleosa in Doon valley of Uttarakhand Himalaya

Jitendra Gurjar

SKRAU, India

Investigating the singular and synergistic impact of bio-stimulants on the physico-chemical properties of soil in the rhizosphere of guava (Psidium guajava L.) cv. Sardar



SPEAKER SLOTS AVAILABLE

Nidhi Verma

JECRC University, India

Antibiotic resistance: a result of Microbial Biofilm association

Trisha Manna

The Neotia University, India

Effect of Photosynthetically Active Radiation in Production Dynamics of Potato Under Varied Irrigation and Potash Regimes in New Alluvial Zone of West Bengal, India

Arun Dattatray Bhagat

Watershed Organisation Trust (WOTR), India

Advancing Water Security and Climate Resilience in Semi-Arid Landscapes: The Group Micro-Irrigation Model from Tigalkheda Village of India

Seema Garcha

Punjab Agricultural University, India

Targeted metabolomics of root exudates secreted by wheat grown under heat stress

Ramasubramanian Bhoopalan

SRM Group of Institution, India

Multispectral Imaging Approach to Disease Diagnosis and Farmer Advisory

GURDEV CHAND

Division of Plant Physiology, India

Comparative Evaluation of Root Architectural and Anatomical Traits in Wheat (*Triticum aestivum* L.): Insights into Drought Tolerance Mechanisms and Yield Performance

Shamarao Jahagirdar

Department of Plant Pathology, India

Exploring PGPRs and green synthesized nanoformulations in mitigating diseases of soybean and productivity enhancement in India

Neelam Sangwan

Central University of Haryana, Mahendergarh, India

Biochemical, Genomic and Biotechnological Advances Driving Standardized Withanolide Production in Ashwagnadha, *Withania somnifera*

Sruba Saha

The Neotia University, India

Application of sensors for monitoring soil moisture, electrical conductivity, and nutrient status (N, P, K) to enhance the performance of different sesame genotypes

Charu Bisht

Teerthanker Mahaveer University, India

Preparing Crop Germplasm for Future Climates: De-novo Domestication and Controlled-Environment Evaluation of Wild Relatives for Climate and Stress Resilience



SPEAKER SLOTS AVAILABLE

S.Amasmani

Avinashilingam Institute for Home Science and Higher Education for Women, India

Herbal infused medical fabrics for enhancement of health and hygiene care

Sukanya R

CHRIST (Deemed to be University), India

Green FDI and Sustainable Plant-Based Industries: Bridging Science and Policy

Shailja Tripathi

INDIRA GANDHI GOVT. P.G. COLLEGE, India

Integrative Taxonomic Revision of the Tribe Andropogoneae Dumort. (Poaceae) from Western Himalaya, India: Diversity, Micro-Morphology, Economic Potential, and Conservation Insights

Shivaraman Pandey

INDIRA GANDHI GOVT. P.G. COLLEGE, India

Taxonomic Diversity, Conservation Status, and Ethnobotanical Insights of Caesalpinioideae R.Br. (Leguminosae) in Uttar Pradesh: A Micromorphological and SEM-Based Approach

Kushal Choudhury

Bodoland University, India

Comparative Morphology and Ecological Significance of Proboscis Sensilla in Tropical Butterflies (Lepidoptera)

Lata Shukla

Pondicherry University, India

Development of molecular markers associated with nitrogen fixation capacity of mung beans

Vijaya Choudhary

IILM University, India

AI-Driven Multi-Class Classification Framework for Automated Detection of Cowpea Leaf Varieties in Smart Agriculture

J.Lydia Pramitha

School of Agricultural Sciences Karunya Institute of Technology and Sciences, India

Harnessing Heritage: Characterization of Unexplored Rice Landraces from Southern India

Moumita Majumdar

People's University, India

De novo Transcriptome Assembly and EST-SSR Mining in *Gloriosa superba* for Assessment of Genetic Diversity in Ecotypes from Different Agro-Climatic Zones of India

Suneel Subray Hegde

Division of Post Harvest Technology and Agricultural Engineering. (ICAR), India

Storage and Quality of Ozone-Fumigated 'Manik Chaman' Table Grapes: A Comparison with Sulfur Dioxide Treatment

Dinesh Chandra Misra

Department of Computer Science and Engineering, Dr. K. N. Modi University, India

Designing and Evaluating a Hybrid IoT Security Model with Integration of Deep Learning for the Security of Big Data



SPEAKER SLOTS AVAILABLE

Gnanaguru Janaky JANAVI

Tamil Nadu Agricultural University, India

Miracle Tree - Moringa oleifera Lam

Tania Banerjee

Boston Consulting Group, India

Advancing Ecological Restoration through international diplomacy: Insights from India's G20 Presidency

Royanama Rahimi

Mashhad University of Medical Sciences

Shilajit versus placebo in the management of patients with moderate coronavirus

Benmoussa Amina

Hassiba Ben Bouali Chlef University

Valorization of potato (*Solanum tuberosum* L) by-products in broiler chicken feed formulation

Iqtidar Hussain

Gomal University

Effect of Sowing Methods on Growth, Yield, and Quality of Kidney Bean in the Pothohar Region

Bienvenu Mvingu Kamalandua

Université de Kinshasa

Rapid Dereplication of Trunk Bark Constituents of *Croton sylvaticus* and Molecular Docking of Terpenoids from Three Congolese *Croton* Species

Rehana iqbal

Bahauddin Zakariya University

Evaluation of growth performance and metabolic efficiency in *Labeo rohita* fed a sorghum-based diet supplemented with chromium chloride hexahydrate

Mahamadi NIKIEMA

Université Yembila Abdoulaye Toguyeni (UYAT)

Assessment of the agronomic value of digestate from cashew nut shell and cow dung anaerobic digestion

Yassine Elkoraichi

Cadi Ayyad University

Research on blockchain-based agricultural supply chain applications in Africa

Ghulam Abbas

COMSATS University Islamabad

Comparison of climate smart amendments on plant physiological and grain yield attributes of wheat growing under water limited conditions

Mezigebu Belay

Ethiopian Defence University

Physico-Chemical Modification of Agar and PVA as Bio-degradable Polymers

Abeeb Adekunle

University of Ibadan

Chemical Profile of the Essential Oils of Three African Mistletoe Species and their Electrophysiological Responses to Male Fall Armyworm



SPEAKER SLOTS AVAILABLE

Yunior Miguel Morán Gómez

Tobacco Research Institute

Cuban isolates of *Nocardia* spp. causal agents of false broomrape in *Nicotiana* spp.: identification, characteristics, disease management and more

Ruth Olubukola Ajoke ADELAGUN

Federal University Wukari

Strategic Management of Wastewater from Ranches and Cattle Lots and their Value-added Products

Alaa Salih Ati

University of Baghdad

Benefits of Sustainable Potato Agriculture Using Sprinkler Irrigation System

Khaldoun Othman Al Sane

National Agricultural Research Center (NARC)

Jordan Seed Bank

Romario Cusi Chipana

Universidad Nacional José María Arguedas

Stability of Nanoparticles of Bioactive Compounds from Native Potato (*Solanum Tuberosum* Spp. Andigena) in Yogurt

Midhat Mahboob

Lincoln University NZ

Nurturing Resilience: Harnessing Synthetic Microbial Communities from Root Microbiomes to Mitigate Drought Effects on Pasture Production

Sayed Ali Yaqoobi

Balkh University

Effect of bulb planting date on seed yield and flowering characteristics of *Allium stipitatum* in Balkh province, Afghanistan

Ruwan Perera

Gampaha Wickramarachchi University of Indigenous Medicine

Toxic Metal Accumulation in Food Crops and Its Implications for CKDu in Sri Lanka: Insights from Chemometric Analyses

Amal Hussein Abbas

Al-Mustansiriya University

Deep Learning Techniques for Acoustic Detection of Red Palm Weevils

Doreen Malekano Chomba

Stellenbosch University

Evaluation of *Fusarium* ear rot and fumonisins in twenty Zambian maize genotypes

OGBON Eyitayo Azaratou

International Institute of Tropical Agriculture

Optimization of crude protein estimation by Lowry method in foodstuff and comparison with Kjeldahl method

Atanda Samuel Oladejo

Obafemi Awolowo University, 220005 Ile-Ife

Secondary metabolites in selected cowpea [*Vigna unguiculata* (L.) Walp.] lines mediated resistance to flower thrips (*Megalurothrips sjostedti* Trybom)



SPEAKER SLOTS AVAILABLE

Mouna LAMAOU

Developmental Biology of Plants Group, Justus-Liebig-University

Genetic and epigenetic alterations associated with somatic embryogenesis in *Argania spinosa*

Asima Ghulam rasool

Government College University Faisalabad

Two Trihelix Transcription Factors are Involved in Melatonin Assisted Stress Response in *Cajanus cajan* L

Nataliya Pozhidaeva

The National landscape salvation fund (NLSF)

Depressive countryside and productive nature – the shortest sustainable development way Nataliya Pozhidaeva

Mouad Chari

National School of Agriculture of Meknes

The Role of Exchange Collectives in the Agroecological Transition in Morocco

Job Bebenimibo

College of Education Warri

Drought Adaptation in Plant Species of Mangrove-Dominated Landscapes: Insights from Coastal Niger Delta communities

Padamnabhi Shanker Nagar

The M.S. University of Baroda

An Experiment in Quasi-Eco-restoration of a Creek Slope: A Collaborative Approach on a University Campus in India

Bishnu Raj Upreti

Nepal Centre for Contemporary Research (NCCR)

Transformation of the Agriculture Sector of Nepal: Retrospection and Outlook from Policy Perspectives

Ouassila Riouchi

Cadi Ayyad University, Essaouira

Effect of physicochemical parameters on the growth of two microalgae strains, the *Chlorella vulgaris* and *Skeletonema costatum* isolated from different sites in the nador lagoon

Tariku Gemedede Bedecha

Hawassa University

Gendered Perceptions on Spatiotemporal Rainfall and Temperature Variability among Pastoral and Agropastoral Communities of West Guji and Borana Zones, Southern Ethiopia

Abbas Ghafari

Isfahan University of Technology

The Effect of LED Light on Plant Growth and Phenolic Compounds Present in Three Species of *Mentha*

Adem Endris Seid

Mekdela Amba University

Avocado (*Persea americana* Mill.) Fruit Drop in Ethiopia: Causes and Prevention Strategies



SPEAKER SLOTS AVAILABLE

Mokhlesur Rahman

Ayurvedic Physician & Researcher The Ayurveda
- Treatment and Research Dhaka

**Phytoremediation Mechanism and
Therapeutic Potentials: Colon Cleansing
and Systemic Disease Mitigation through
the Plants of Niruha Basti**

Demel Teketay Fanta

Natural Resources at the Botswana University of
Agriculture and Natural Resources (BUAN)

**Longevity of seeds of eleven tree species
experimentally buried for two years in the
soils of Kazuma Forest Reserve, northern
Botswana**

Muhammad Irfan Sohail

Institute of Soil Chemistry and Environmental
Sciences

**Mitigation of drought stress in Zea mays
L. through plant growth-promoting
rhizobacteria assisted by foliar sorghum
water extract**

Kokoev T. I

Faculty of Biology of the South Ossetian State
University

**Environmental safety and conservation
of plant genetic resources in the South
Caucasus**

Ayesha Tahir

COMSATS University Islamabad

**Integrative approaches using Lentil
Germplasm Diversity and Plant-Microbe
Interactions for Climate-Resilient Crop
production**

Laurent Florent

University of Yaoundé

**Floristic Diversity of the Lower Stratum of
Smallholder's Palm Oil Plantations Around
Yaoundé in Cameroon**

Waqas Bashir

Department of Zoology, Government College
University

**PFAS Contamination in Pakistan:
Environmental Persistence, Ecological
Impacts, and Algae-Based Mitigation
Prospects**

Tsafack Boris Junior

University of Dschang

**Evaluation of the productivity of maize
(ATP) under different sowing dates in the
Western Highlands of Cameroon**

Alene Abeje

Arba Minch University

**Geospatial assessment of erosion
intensity and prioritization of vulnerable
areas in the Shafe catchment, South
Ethiopian rift Valley**

Ertiban Wondifraw

Bahir Dar Institute of Technology

**Effects of Deficit Irrigation and Mulching
on the Water Footprint of Maize
Production in the Koga Irrigation Scheme,
Ethiopia**

Muhammad Wasim Sajid

COMSATS University

**Turning Waste to Wellness: Potential of
Banana Peel and Peduncle Powder in
High-Fiber Bakery Foods**



SPEAKER SLOTS AVAILABLE

N'FEIDE Toï

Institute Togolais de Recherche Agronomique
(ITRA-Togo)

Germination et séchage comme procédé traditionnel de traitement du soja pour son incorporation dans les aliments pour poisson au Togo

Ebenezer Foka Tatiekam

University of Yaoundé

A Bioformulation of oyster shell, neem seed, sida weed, and citronella extracts boosts cocoa (*Theobroma cacao* L.) seedling development and resistance to black pod disease caused by *Phytophthora megakarya*

Noor Muhammad

Central Cotton Research Institute Multan Punjab

Foliar Application of Potassium and Magnesium Regulate Biochemical Mechanisms Involved in Chlorophyll and Anthocyanin Production in upland Cotton (*Gossypium hirsutum* L.)

Rukhsana Tariq

International Islamic University

Book Chapter Algae Eutrophication and Climate Change

Idi Saidou Sani

University of Diffa (UDA)

Genetic diversity and population structure of fonio landraces millet [*Digitaria exilis* (Kippist) Stapf] using ethnolinguistic, agro-morphological and SSRs markers

Tahira Jatt

Shah Abdul Latif University

Climate Change and Date Palm Cultivation: Challenges and Adaptations in Pakistan

Chnar Zirar Mahmud

Salahaddin University-Erbil

Safe Toys, Safer Kids: Eco-Derived Nano-Carbon Quantum Dots (CQDs) for Detection of Heavy Metal (Pb²⁺) Ion in Children's Toys

Brian Maodza

Independent Institute of Education

Labelling Scheme for Agricultural Internet of Things (AIoT) Devices

Zafar Iqbal

The Islamia University of Bahawalpur

Bacillus-Based Bioinoculants as a Sustainable Strategy to Improve Wheat Productivity and Soil Fertility in Nutrient-Deficient Soils

Lalise Ararasa

Addis Ababa University

25K wheat SNP array revealed genetic diversity and population structure of durum wheat (*Triticum turgidum* subsp. durum) landraces and cultivars



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Impact of Green-Synthesized Silver Nanoparticles (AgNPs) on Wheat Carbohydrate Metabolism and Protein Quantification under Heat Stress in Pakistan's Changing Climate

Oluyinka Omoyeni Akinlotan

Kogi State College of Education

Levels and health risk assessment of organochlorine residues in vegetables from rivers Niger-Benue confluence in Lokoja, North Central, Nigeria



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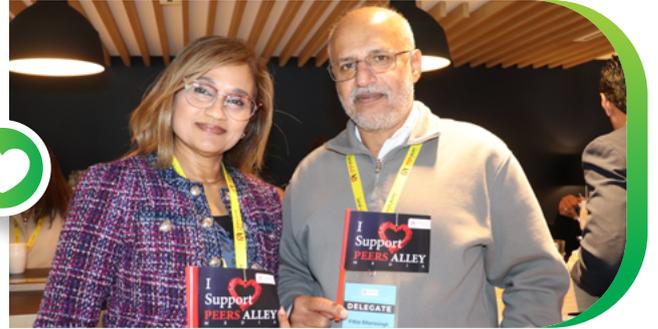


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BERLIN

Berlin is the capital city of Germany and largest by both area and population. Its 3,748,148 inhabitants make it the second most populous city proper of the European Union after London. The city is one among Germany's 16 federal states. It's surrounded by the state of Brandenburg, and contiguous with Potsdam, Brandenburg's capital.

Berlin is in northeastern Germany during a neighborhood of low lying marshy woodlands with a mainly flat topography, a district of the vast Northern European Plain which stretches all the way from northern France to western Russia.. Berlin has an oceanic climate, the eastern a part of the city features a slight continental influence, especially within the 0 °C isotherm, one among the changes being the annual rainfall consistent with the air masses and also the greater abundance during a period of the year. The GDP of Berlin total €147 billion, a rise of 3.1% over the previous year. Berlin's economy is dominated by the service sector, with around 84% of all companies doing business in services.

Berlin is a famous for culture, politics, media and science. Its economy is predicated on high tech firms and the service sector, encompassing a various range of creative industries, research facilities, media corporations and convention venues.



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