

**Plant Science Virtual Conference 2024**



# **SCIENTIFIC PROGRAM**

**3rd International Conference on Plant Science  
and Agriculture Research**

**August 03-04, 2024**

**Virtual Conference (Online Meeting)**

**Delight Scientific Conferences**

**Office 1353 182-184 High Street North,**

**East Ham, London E6 2JA, UK**

**Phone Number: +44-7451246744**

**Email: [info@delightscientific.com](mailto:info@delightscientific.com)**



**<https://plantscience.delightscientific.com/>**

# SCIENTIFIC PROGRAM

Plant Science Virtual Conference 2024 | August 03-04, 2024

Timing: 10:00 AM

Time Zone: GMT+1, London, UK

August 03, 2024

Opening Ceremony:

10:00-10:05 AM

## Keynote Speaker Session

Presentation Time:

10:05-10:30

**Dr. Mario Pagano**, National Research Council (CNR), Via Madonna del Florence, Italy

**Presentation Title:** Symphonies of Growth: Unveiling the Impact of Sound Waves on Plant Physiology and Productivity

10:30-10:55

**Dr. Seongwoo Woo**, Ethiopian Technical University, Addis Ababa, Ethiopia.

**Presentation Title:** Improving the Fatigue Design of Mechanical Systems such as Refrigerator

10:55-11:20

**Dr. Abebe Ayele**, Bahir Dar University, Ethiopia.

**Presentation Title:** Woody species diversity, structure and regeneration status of the church forests in West Gojjam Zone, Northwestern Ethiopia

## Plenary Speaker Session

### Scientific Sessions

**Session 01:** Plant Science and Natural Products

**Session 02:** Plant & Agricultural Biotechnology

**Session 03:** Digital Agriculture, Agricultural Business & Economics

**Session 04:** Agriculture and Environment & Food Security

**Session 05:** Dairy, Poultry and Livestock Farming

**Session 06:** Climate Smart Agriculture

**Session 07:** Plant Pathology and Mycology

### Session Chairperson

**Dr. Mario Pagano**, National Research Council (CNR), Via Madonna del Florence, Italy

**Dr. Seongwoo Woo**, Ethiopian Technical University, Addis Ababa, Ethiopia.

11:20-11:45

**Dr. Alok Kumar Singh**, Acharya Narendra Deva University of Agriculture & Technology, India.

**Presentation Title:** Integrated Phenotypic and Molecular Evaluation of Submergence Tolerance in Rice (*Oryza sativa* L.)

11:45-12:10

**Dr. Matilde Moreira Correia da Cunha Oliveira**, University of Aveiro, Portugal

**Presentation Title:** "Development of new sustainable natural fibre reinforced composites for automotive applications.

12:10-12:35

**Dr. Soukaina Boujdi**, Rabat-Institute, Morocco

**Presentation Title:** A Benchmarking Study of Irrigation Advisory Platforms.

12:35-13:00

**Dr. Ahmad Othmani**, Regional Centre for Research in Oasis Agriculture, Tozeur Tunisia  
**Presentation Title:** The Promising Potential of Triploidy in Date Palm (*Phoenix dactylifera* L.)  
Breeding

13:00-13:25

**Dr. Ilham Dehbi**, Department of Plant Protection, Ecole National of Agriculture Meknes, Morocco.  
**Presentation Title:** Beneficial Microorganisms as Bioprotectants against Foliar Diseases of Cereals: A  
Review

13:25-13:50

**Dr. Lakhvir Kaur Dhaliwal**, Texas Tech University, USA  
**Presentation Title:** Unravelling the genetic basis of variable fatty acid composition and its association  
with cold germination ability in upland cotton (*Gossypium hirsutum*)

13:50-14:15

**Dr. Lucia Elisabet Brelis**, Instituto de Ciencia y Tecnología de los Alimentos de Entr  
Ríos (ICTAER), Argentina  
**Presentation Title:** Geographical Differentiation of Honeys from Entre Ríos (Argentina) through  
Physicochemical Analysis: A Scientific Approach for the Characterization and Authentication of Regional  
Honeys

14:15-14:40

**Dr. Brianda Susana Velazquez de Lucio**, Instituto Tecnológico Superior del Oriente del Estado de  
Hidalgo, Carretera, Mexico.  
**Presentation Title:** The Implementation of Response Surface Methodology and Artificial Neural  
Networks to Find the Best Germination Conditions for *Lycopersicon esculentum* Based on Its  
Phenological Development in a Greenhouse

14:40-15:05

**Dr. Lipon Das**, School of Mathematics, Shandong University, Jinan 250100, China.  
**Presentation Title:** Optimization of Data-Driven Soil Temperature Forecast The First Model in  
Bangladesh

15:05-15:30

**Dr. Rolika Gupta**, Jaypee University of Information Technology, India  
**Presentation Title:** Emerging Technologies for the Production of In Vitro Raised Quality Rich *Swertia*  
*chirayita* by Using LED Lights

15:30-15:55

**Dr. K.S. Shankarappa**, University of Horticultural Sciences, Bagalkot, India  
**Presentation Title:** Detecting Tomato Leaf Curl New Delhi Virus Causing Ridge Gourd Yellow Mosaic  
Disease, and Other Begomoviruses by Antibody-Based Methods

15:55-16:20

**Dr. Chee Kong YAP**, Universiti Putra Malaysia (UPM), Malaysia  
**Presentation Title:** Lower Health Risks of Potentially Toxic Metals after Transplantation of  
Aquacultural Farmed Mussels from a Polluted Site to Unpolluted Sites: A Biomonitoring Study in the  
Straits of Johore

16:20-16:45

**Dr. Shaher Bano**, Fujairah Research Centre, United Arab Emirates  
**Presentation Title:** Exploration of the Native Plants from the Biodiversity of United Arab Emirates for  
Conservation and Reintroduction Efforts: Collection, Verification, Design, and Implementation of UAE  
Flora Database

**Poster Presentation(16:45-17:10)**

51VCME 01

**Dr. Alfrasa Mulatu**, Department of Microbial, Cellular and Molecular Biology, Addis Ababa University, Ethiopia

**Presentation Title:** Biodiversity of the Genus Trichoderma in the Rhizosphere of Coffee (*Coffea arabica*) Plants in Ethiopia and Their Potential Use in Biocontrol of Coffee Wilt Disease

51VCME 02

**Dr. Raul S Lavado**, Medical Oncology, Università Politecnica delle Marche, Ancona Italy.

**Presentation Title:** Universidad de Buenos Aires and Instituto de Investigaciones en Biociencias Agrícolas y Ambientales—INBA (CONICET/UBA), Argentina

End Of Session

**Awards & Closing Ceremony**

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