

Scientific Program

Oral Sessions at a Glance Day 1

Monday, 18 November 2019 Time: 09: 00 - 17:35

08:00 - 08:30 Registration
08:30 - 09:00 Opening Ceremony

Keynote Session

09:00 - 09:40 **Agricultural Land and Water use with a Focus on Irrigation and Soil Salinity: Knowledge Gaps and Recommendations**
Jan W Hopmans, University of California Davis, USA

09:40 - 10:20 **Role of Innovative Crop species diversification, mixed farming, Polyculture, Structural diversity and conservation agriculture in dry regions to end hunger & achieve Sustainable development**
Virender Singh, Pidilite Industries Limited , India

10:20 - 11:00 **Importance of Orchids in human health and nutrition**
Syamali Chakrabarti, ICAR-National Research Centre for Orchids, India

Refreshment Break (11:00 - 11:15)

11:15 - 11:55 **Soil health management through Soil health card for Food Security**
AshokKumar, SardarVallabhbhaiPatelUniversity ofAgriculture and Technology, India

Technical Sessions

Chair: Jan W Hopmans, University of California Davis, USA
Co-Chair: JesúsRafael, CatholicUniversity ofSantiago de Guayaquil, Ecuador

11:55 - 12:20 **Adoption of Conservation Agriculture based Sustainable Intensification (CASI) technologies by resource poor farmers of Eastern Gangetic Plains of India**
A.K. Chowdhury, Uttar Banga Krishi Viswavidyalaya, India

12:20 - 12:45 **Development of quality control standards of selected indigenous medicinal plants**
SD Hapuarachchi, University of Colombo, Sri Lanka

Prospects of Sorghum and Millets to Enhance Food and Nutrition Security and Poverty alleviation in the face of Climatic Change in Africa

12:45 - 13:10

RoseRita Kingamkono, Freelance consultant, United Republic of Tanzania

Lunch Break (13:10 - 14:00)

Veterinary Education in an Era of Food Insecurity

14:00 - 14:25

Ibrahim Abdulazeez Okene, Universiti Malaysia Kelantan, Malaysia

Growth of Agriculture Sector: A Key to realization of SDG2030

14:25 - 14:50

Aprajita Srivastava, World Development Foundation, India

Studies on Determination of Nutritional Profile and Extension in Shelf Life of Indigenous Crops of Sikkim, India

14:50 - 15:15

Sujata Upadhyay, Sikkim University, India

Tree Diversity and Carbon Stock of Mangrove Ecosystem at Wonorejo, Surabaya

15:15 - 15:40

Rossyda Priyadarshini, University of Pembangunan Nasional Veteran Jawa Timur, Indonesia

Soil Carbon Sequestration in Mango (Mangifera Indica L.) and Litchi (Litchi Chinensis Sonn.) Orchards in Calcareous Soil of Bihar

15:40 - 16:05

Sanjay Kumar Singh, Dr. Rajendra Prasad Central Agricultural University, India

Refreshment Break (16:05 - 16:20)

Analysis of Hydrological Function Caused by Land Cover Changes at Sumber Brantas Sub Watershed

16:20 - 16:45

Bakti Wisnu Widjajani, University of Pembangunan Nasional Veteran Jawa Timur, Indonesia

Improving efficiency and effectiveness of value chains through governance : An analysis of pangas and tilapia stakeholders in Bangladesh

16:45 - 17:10

Mohammad Taj Uddin, Bangladesh Agricultural University, Bangladesh.

Evaluation of factors influencing the adoption of Improved Open-pollinated Maize: evidence from Community-Based Seed Production Scheme in Limpopo province, South Africa

17:10 - 17:35

David B. Afful, University of Limpopo, South Africa

Oral Sessions at a Glance Day 2

Tuesday, 19 November 2019 Time: 09:00 - 17:10

Keynote Session

- 09:00 - 09:40 **The mitigation of climate change through the use of Eco materials on low-income housing. A proposal to achieve the Sustainable Development Goals in Ecuador**
Jesus Rafael, Catholic University of Santiago de Guayaquil, Ecuador
- 09:40 - 10:20 **Analysis of Total Soluble Seed Proteins to Characterize Pego in pea Cultivars**
B. C. Channakeshava, Rai Technology University, India
- 10:20 - 11:00 **Bioethics and consumption of genetically modified crops**
Rosa Martha Desentis Mendoza, Universidad Panamericana, Mexico

Refreshment Break (11:00 - 11:15)

- 11:15 - 11:55 **Improving Management of Medical Equipment through Gps Tracking (Meditrack)**
Johnes Obungoloch, Mbarara University of Science and Technology, Uganda

Technical Sessions

Chair: Jan W Hopmans, University of California Davis, USA
Co-Chair: B. C. Channakeshava, Rai technology university, India

- 11:55 - 12:20 **Integration of fourth dimension with 3D bio printing the damaged tissues in patients to promote regeneration: A comprehensive review.**
K.Narasimhulu, National Institute of Technology Warangal, India.
- 12:20 - 12:45 **Phyllanthus amarus: Natural approach to human health and its production sustainability through integrated nutrient management**
Veerendra Pratap Singh, University of Horticultural Sciences, India
- 12:45 - 13:10 **The Effect of Biological Agent on Growth and Production of Mini Tuber True Shallot Seed (TSS)**
Ida Retno Moeljani, University of Pembangunan Nasional Veteran Jawa Timur, Indonesia

Lunch Break (13:10 - 14:00)

Poster Sessions (14:00- 14:50)

- Poster 01** **Isolation and characterization of probiotic strain from Traditional Indian food**
Anwasha Chowdhury, Jaypee University of Information Technology, India
- Poster 02** **Effect of different mineral and biological nitrogenous fertilizers combinations on growth, yield and quality of two wheat (*Triticum aestivum* L.) cultivars**
Emadeldeen Ahmed Anwar Rashwan, Tanta University, Egypt
- Poster 03** **Precision farming as a solution to the global problems of Agriculture**
László Duzs, University of Debrecen, Hungary
- Poster 04** **Applicability of mechanical soil resistance examinations in the planning of precision subsoiling**
Tamás Rátonyi, University of Debrecen, Hungary
- Poster 05** **Practical observations of using a Veris U3 Soil Scanner**
Péter Ragán, University of Debrecen, Hungary

Technical Sessions

- 14:50 - 15:15 **Technological approach to develop herbal extract from callus cultures through in vitro propagation of *Munronia pinnata* and compare its hypoglycaemic activity in animal model**
SD Hapuarachchi, University of Colombo, Sri Lanka
- 15:15 - 15:40 **Improvisation of biogas plant and Up-gradation of biogas using selective chemical scavengers**
Navindu Gupta, CESCRA, IARI, India
- 15:40 - 16:05 **Inovation Technology of *Streptomyces* sp. and *Trichoderma* sp. Utilization for Sustainable Agriculture Development**
Penta Suryaminarsih, University of Pembangunan Nasional Veteran Jawa Timur, Indonesia

Refreshment Break (16:05 - 16:20)

16:20 - 16:45 **Boosting Fruit Cultivation in Asian Subtropics as a way forward for Global Food and Nutritional Security**
Shashi K. Sharma, Management Expert-Horticulture, India

16:45 - 17:10 **Vacuum Evaporated Organic Cane Sweetener – A treasure of Nutraceuticals.**
Vamadevaiah H.M, India

Awards&CertificatesPresentation