

10<sup>th</sup> International Conference on

# **AGRICULTURE & HORTICULTURE**

October 02-04, 2017 London, UK



**Conference Series - America**

One Commerce Center-1201, Orange St. #600, Wilmington, Zip 19899, Delaware, USA  
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08:30-09:00 Registrations

Wright

conference**series.com** 09:00-09:15

## Opening Ceremony

### Keynote Forum

09:15-09:30 **Introduction**

09:30-10:00 **Title: Smart irrigation: Agricultural water savings with improved irrigation scheduling**  
**Kelly T Morgan**, University of Florida, USA

10:00-10:30 **Title: The Future of organic farming in the light of the development of new biological fertilizers**  
**Peter J Leggo**, University of Cambridge, UK

Group Photo

Networking & Refreshment Break 10:30 - 10:50 @ Breakout Areas

10:50-11:20 **Title: Sustainable agriculture through vermicomposting technology in India**  
**Priyasankar Chaudhuri**, Tripura University, India

11:20-12:00 **Title: Organic agriculture obtains both larger yield and economic benefit under the condition of none chemical pollution**  
**Jiang Gaoming**, The Chines Academy of Science, China

**Oral Session: Agricultural Engineering | Agriculture & Food Security | Plant Science | Agricultural Production Systems | Agricultural Biotechnology | Fertilizer & Pesticide | Agriculture & Forestry | Crop Sciences | Soil & Water Management**

**Session Chair: Kelly T Morgan**, University of Florida, USA

**Session Co-chair: Gurudatt Hegde**, University of Agriculture Sciences, India

Session Introduction

12:00-12:20 **Title: Soil contamination and its effects on roselle (*Hibiscus sabdariffa*) growth affected by organic matter, and associated with *Glomus intrarradices***  
**Abdul Khalil Gardezi**, Hydro Science Center, Postgraduate College in Agriculture Science, Mexico

12:20-12:40 **Title: Determination of nutrient and mineral contents of some selected cowpea lines for better quality trait improvement**  
**Asiwe J A N**, University of Limpopo, South Africa

12:40-13:00 **Title: Benefits of gardens on human health and well-being**  
**Birgit Steininger**, University College for Agrarian and Environmental Pedagogy, Austria

Lunch Break 13:00 -14:00 @ RBG

14:00-14:20 **Title: Effect of different organic sources on nutrient status in rice based cropping sequence**  
**Niladri Paul**, College of Agriculture, Tripura, India

14:20-14:40 **Title: Organic nitrogen uptake: a novel pathway to improve nitrogen use efficiency and crop productivity**  
**Kawsar Ali**, Abdul Wali Khan University Mardan, Pakistan

14:40-15:00 **Title: Organic farming for sustainable production of two Atriplex species in saline habitats**  
**Tawfik M M**, National Research Centre, Egypt

- 15:00 -15:20** **Title: Detection of adulteration and identification of meat and milk species using molecular genetic techniques**  
**Salah Abdel-Rahman**, Genetic Engineering and Biotechnology Research Institut, Egypt
- 15:20-15:40** **Title: Production of upland paddy (var. TRC-87-251) through application of vermicompost under field condition in Tripura, India**  
**Gautam Bhattacharjee**, Swami Vivekananda Mahavidyalaya, Tripura, India
- 15:40-16:00** **Title: Hydroxyapatite – urea nano-hybrid as efficient plant nutrient systems**  
**Nilwala Kottegoda**, University of Sri Jayewardenepura, Sri Lanka

**Networking & Refreshment Break 16:00 -16:15 @ Breakout Areas**

- 16:15-16:35** **Title: Mineral manipulation and Antioxidative studies in carnation - *Dianthus caryophyllus* L**  
**Smita Purohit**, IIS University, India
- 16:35-16:55** **Title: Update of grapevine trunk disease fungi occurred in Italy**  
**Antonia Carlucci**, Universita' degli Studi di Foggia SAFE, Italy
- 16:55 -17:15** **Title: Evaluation of Organic, Integrated and Inorganic Management Practices on the Incidence of Insect Pests and Natural Enemies in Groundnut and Cotton Ecosystem**  
**Shekharappa**, University of Agricultural Sciences, India
- 17:15-17:35** **Title: Soil management in Semiarid Environment and Erosional Implications**  
**Jose Ramon Barros Cantalice**, Rural Federal University of Pernambuco, Brazil

**Panel Discussion**

**Day 2 ( October 03, 2017)**

**Wright**

**Keynote Forum**

- 09:00-09:30** **Title: Epigenetic control of leafy heads in Brassica crops**  
**Yuke He**, Shanghai Institutes for Biological Sciences, China
- 09:30-10:00** **Title: The potential impact of the microbiome in future agriculture**  
**Rainer Roehe**, Scotland's Rural College, United Kingdom

**Oral Session: Agricultural Engineering | Agriculture & Food Security | Plant Science | Agricultural Production Systems | Agricultural Biotechnology | Fertilizer & Pesticide | Agriculture & Forestry | Crop Sciences | Soil & Water Management**

**Session Chair: Yuke He**, Shanghai Institutes for Biological Sciences, China

**Session Co-chair: Idris Abd Ghani**, University Kebangsaan Malaysia, Malaysia

- 10:00-10:20** **Title : Production of tea and increase in earthworm density-biomass following Vermicompost (notvermiposting written before) application.**  
**Priyasankar Chaudhuri**, Tripura University, India
- 10:20-10:40** **Title: Plant-parasitic nematodes associated with grain crops and associated weeds in South Africa, with emphasis on the phylogenetic position of *Meloidogyne* species**  
**Ebrahim Shokoohi**, North-West University, South Africa

**Group Photo**

**Networking & Refreshment Break 10:40-10:55 @ Breakout Areas**

- 10:55-11:15** **Title: Effect of different levels of nitrogen on yield and quality of drip fertigated watermelon**  
**Asad AlKhader**, National Center for Agricultural Research And Extension(NCARE), Jordan
- 11:15-11:35** **Title: Management of insect pests and a pollinator, *Elaeidobius kamerunicus*, of oil palm in Malaysia**  
**Idris Abd Ghani**, University Kebangsaan Malaysia, Malaysia
- 11:35-11:55** **Title: Frost protection in Avocado orchards**

- Lior Rubinovich**, Ministry of Agriculture, Israel  
**Title: Overview of Biological Control of Insect Pests in Thailand**
- 11:55-12:15 **Samaporn Saengyot**, Maejo University, Thailand  
**Title: Integrated management of pod rot disease of cocoa**
- 12:15-12:35 **Gurudatt M Hegde**, University of Agricultural Sciences, India  
**Title: Efficacy of different integrated management practices against major diseases of Groundnut in northern Karnataka**
- 12:35-12:55 **P Nagaraju**, University of Agricultural Sciences, India  
**Title: Association of Arbuscular Mycorrhizas in plants: future perspectives of biofertilizer in Bangladesh**
- 12:55 -13:15 **Tanzima Yeasmin**, University of Rajshahi, Bangladesh

**Lunch Break 13:15-13:55 @ RBG**

**Young Research Forum**

- 13:55-14:10 **Title: Development and evaluation of iron-fortified ready to eat rice**  
**Elizabeth Devi Wahengbam<sup>1</sup>**, Tezpur University, India
- 14:10-14:25 **Title: Cataloguing PubMed reports on barley: A scientometrics analysis**  
**Jagajjit Sahu**, Assam Agricultural University, India
- 14:25-14:40 **Title: Optimizing water and nitrogen use efficiency of maize in conservation farming systems**  
**Simunji Simunji**, University of Zambia, Zambia
- 14:40-14:55 **Title: Comparative effects of ethylene inhibitors in agrobacterium mediated transformation of wild watermelon**  
**Malambane Goitseone**, Tottori University, Japan
- 14:55-15:10 **Title: Insight into the promoter of Indian cassava mosaic virus (ICMV) by deletion analysis**  
**Geetanjali Baruah**, Assam Agricultural University, India
- 15:10-15:25 **Title: Impact of hexanal on quality and shelf life of grapes (*Vitis vinifera* L.) cv. "Flame Seedless" under low temperature storage.**  
**Simranbir Kaur**, Punjab Agricultural University, India
- 15:25-15:40 **Title: Investigation of green fruit yield of indeterminate tomato varieties at different locations in open field conditions**  
**Funda Yoldas**, Ege University, Turkey
- 15:40-15:55 **Title: *In-vitro* antimicrobial properties of carboxymethylcellulose spray coated copper-montmorillonite nanocomposites**  
**Ryan Rienzie**, University of Peradeniya, Sri Lanka
- 15:55-16:10 **Title: Efficacy of priming treatment on germination, development and enzyme activity of *Allium cepa* L. and *Brassica oleracea* var capitata.**  
**Rinku V Patel**, Sardar Patel University, India

**Networking & Refreshment Break 16:10-16:25 @ Breakout Areas**

- 16:25-16:40 **Title: Pathogenicity assessment of different Plectosphaerella species on basil, pepper and tomato crops in southern Italy**  
**Maria Luisa Raimondo**, Universita' degli Studi di Foggia SAFE, Italy
- 16:40-16:55 **Title: Exposure brassinosteroid and brassinosteroid mimics continually improve photosynthesis in rice subject to heat stress**  
**Weerasin Sonjaroon**, Kasetsart University, Thailand
- 16:55-17:10 **Title: Characterization of novel QTLs associated with sugarcane smut resistance and yield traits**  
**Zaheer Ahmad Nazar**, University of the Punjab, Pakistan

Poster Session @ Wright 17:10-17:35

- AH-101** **Title: Identification and diversity analysis of the four major host-defense peptide families in quail**  
**Kei Hanzawa**, Tokyo university of Agriculture, Japan
- AH-102** **Title: Effect of accumulated temperature on the growth and development of tomato fruits in flowering clusters**  
**Ju Young Lee**, KIST, South Korea
- AH-103** **Title: Non-thermal plasma: new technology for pathogen control and improvement on the quality of soybean seeds**  
**Karina Balestrasse**, FAUBA, Argentina
- AH-104** **Title: One-step multiplex reverse transcription-polymerase chain reaction for the simultaneous detection for barley virus diseases**  
**Bong Choon Lee**, National Institute of Crop Science, RDA. Korea
- AH-105** **Title: Nigerian plant resources; an incredible responsibility for alleviating food insecurity and malnutrition**  
**Olamide Falusi**, Federal University of Technology, Minna, Nigeria
- AH-106** **Title: Pantoea ananatis causing grain discoloration is widely distributed in the rice-growing fields of the republic of Korea**  
**Kim Sang -Min**, National Institute of Crop Science, Republic of Korea
- AH-107** **Title: Tolerance of Castanea sativa cultivars to Dryocosmus kuriphilus**  
**Tiziana Panzavolta and Matteo Bracalini**, University of Florence, Italy
- AH-108** **Title: Biscogniauxia rosacearum new fungal pathogen of rosaceous trees**  
**Antonia Carlucci**, Universita' degli Studi di Foggia SAFE, Italy
- AH-109** **Title: Roxazyme G2G Supplemental Value in the Utilization of Cassava Starch Residue by Broiler-Chickens**  
**Muyiwa Hilarious Ogunsipe**, Adeyemi College of Education, Nigeria
- AH-110** **Title: Anti-adipogenic effect of Moringa oleifera leaves extract in porcine bone marrow derived Mesenchymal stem cells**  
**Kulisara Marupanthorn**, Rajamangala University of Technology, Thailand
- AH-111** **Title: The warning of the consumers about the effect of food synthetic dyes on children**  
**Zahia Saoud**, Pasteur Institute of Algiers, Algeria
- AH-112** **Title: Development of soilless production of graftings**  
**Peter Szabo**, University of Pannonia, Hungary

Panel Discussion

Day 3 ( October 04, 2017)

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Oral Session: Agricultural Engineering | Agriculture & Food Security | Plant Science | Agricultural Production Systems | Agricultural Biotechnology | Fertilizer & Pesticide | Agriculture & Forestry | Crop Sciences | Soil & Water Management

Session Chair: Bangavadi Muniswamy Anandakumar, University of Agricultural and Horticultural Sciences, India

Session Co-chair: Parashuram Chandravanshi, University of Agricultural and Horticultural Sciences, India

- 09:30-09:50** **Title: Soil fertility status of major nutrients, micronutrients and mapping in Nicchapura-2 micro watershed of Davanagere district, Karnataka**  
**Parashuram Chandravanshi**, University of Agricultural and Horticultural Sciences, India
- 09:50-10:10** **Title: Site specific major nutrient variation maps through GIS and recommendations for coconut gardens of farmers in different agro climatic situations**

- 10:10-10:30** **Malligenahalli Dinesh Kumar**, University of Agricultural and Horticultural Sciences, India  
**Title: Efferent of soil microbiological properties, Yield attributes and yield of Rainfed Maize (*Zea mays* L.) influenced by different organic methods application**  
**Tojyanaik Basavaraj Naik**, University of Agricultural and Horticultural Sciences, India
- 10:30-10:50**  
**Title: Evaluation of pre and post emergent herbicides for control of weeds in Castor (*Ricinus communis* L.) under rain fed conditions of central dry zone of Karnataka, India**  
**Alurahatty Hanumanthanaik Kumar Naik**, University of Agricultural and Horticultural Sciences, India

**Networking & Refreshment Break 10:50-11:10 @ Breakout Areas**

- 11:10-11:30**  
**Title: Shelf-life studies on b-carotene and total carotenoids in maize**  
**Sapna**, ICAR-Indian Institute of Maize Research, India
- 11:30-11:50**  
**Title: Long term effect of integrated nutrient management on growth, yield, uptake of nutrients and economics of groundnut**  
**Parashuram Chandravanshi**, University of Agricultural and Horticultural Sciences, India
- 11:50-12:10**  
**Title: Effect of soil and water conservation techniques along with integrated nutrients on cashew nut yield in coastal zone of Karnataka**  
**Bangavadi Muniswamy Anandakumar**, University of Agricultural and Horticultural Sciences, India
- 12:10-12:30**  
**Title: Effect of different organic nutrient management practices on growth and yield of pigeon pea (*Cajanus cajan* L. Millsp.)**  
**Shivanand Pradeep**, University of Agricultural and Horticultural Sciences, India
- 12:30 -12:50**  
**Title: Anti-diabetic and antioxidant activity study of maize silk (*Maydis stigma*)**  
**Sapna**, ICAR-Indian Institute of Maize Research, India
- 12:50 -13:10**  
**Title: Artichoke (*Cynara Scolymus* var. *Sakiz*) production in summer period as alternative crop in aegean region**  
**Funda Yoldas**, Ege University, Turkey

**Lunch Break 13:10-14:00 @ RBG**

- 14:00 -14:20**  
**Title: Research trends in Precision farming**  
**Victor I Balabanov**, Russian State Agrarian University, Russian Federation
- 14:20 -14:40**  
**Title: Investigating the effect of arbuscular mycorrhizal fungi (*Glomus etunicatum*) and air pollutants on growth parameters of maize (*Zea mays* L.)**  
**Mobina Jamali**, Tehran Educational Organization, Ministry of education, Iran

**Awards & Closing Ceremony**

**Conference Adjournment**

**Bookmark your dates**

**13<sup>th</sup> International Conference on**

# **AGRICULTURE & HORTICULTURE**

**September 10-12, 2018 | Zurich, Switzerland**

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