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Scientific Program

10th International Conference on

AGRICULTURE & HORTICULTURE

&

International Congress on

ORGANIC FARMING

October 02-04, 2017 London, UK



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Day 1 October 02, 2017

08:30-09:00 Registrations

Wright

conferenceseries.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 Morganl, 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 manupilation 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)

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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 increse oincrease in earethworm 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
11:55-12:15	**Title: Overview of Biological Control of Insect Pests in Thailand** **Samaporn Saengyot**, Maejo University, Thailand
12:15-12:35	**Title: Integrated management of pod rot disease of cocoa** **Gurudatt M Hegde,** University of Agricultural Sciences, India
12:35-12:55	**Title: Efficacy of different integrated management practices against major diseases of Groundnut in northern Karnataka** **P Nagaraju**, University of Agricultural Sciences ,India
12:55 -13:15	**Title: Association of *Arbuscular Mycorrhizas* in plants: future perspectives of biofertilizer in Bangladesh** **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 Wahengbam1,** 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)

Wright

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**

	Malligenahalli Dinesh Kumar, University of Agricultural and Horticultural Sciences, India
10:10-10:30	**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

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13th International Conference on

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