

10th International Conference on

Agriculture & Horticulture

October 02-04, 2017 London, UK



Venue & Hospitality:

Park Inn by Radisson London Heathrow Bath
Rd, Sipson, Heathrow UB7 0DU London,
United Kingdom

agri@agriconferences.com

agri@foodtechconferences.com

<https://agriculture-horticulture.conferenceseries.com>

Conference Series

UK: Kemp House

152 City Road, London, EC1V 2NX, UK Tel: +448000148923 | Fax: +42030041517

USA: One Commerce Center-1201

Orange St. #600, Wilmington, Zip 19899, Delaware, USA Tel: +1-888-843-8169 | Fax: +1-650-618-1417

Toll free: 1-800-216-6499



Welcome Message

Prof M S Swaminathan

The 10th International Conference on Agriculture and Horticulture to be held during October 2-4, 2017 in London, UK at an important time when every nation is struggling to achieve freedom from hunger. It is now realised that the persistent of hunger and malnutrition is due to the lack of adequate linkage between agriculture, horticulture, nutrition and health. There are agricultural remedies for nutritional maladies. We can establish a chain of genetic gardens of biofortified plants. I am sure that the conference will provide a framework for achieving the goal of a hunger free planet through capitalising on agriculture for the future. I wish the conference great success

Yours,

Prof M S Swaminathan
World Food Prize Laureate (1987)
Founder and Chairman
M S Swaminathan Research Foundation
Scientific adviser | Agri 2017



Agri 2017 Agenda

	Day 1 (October 02, 2017)
08:30 - 09:00	Registrations
	Wright
09:00-09:15	Opening Ceremony
09:15 -09:30	Introduction
	Keynote Forum
09:30-10:00	Title: From manned to full autonomy; factors influencing the development and adoption of automated agricultural field machinery Scott A. Shearer , The Ohio State University, USA
10:00-10:30	Title: SmartIrrigation: Agricultural water savings with improved irrigation scheduling Kelly T. Morganl , University of Florida, USA
10:30 -11: 00	Title: Biodiversity and land use – A comparative approach Ulrich Zeller , Humboldt-Universität zu Berlin, Germany
Group Photo	
Networking & Refreshment Break 11:00 - 11:20 @ Breakout Areas	
11:20 -11:50	Title: Sustainable agriculture through vermicomposting technology in India P S Chaudhuri , Tripura University, India
11:50 -12:20	Title: Research trends in Precision farming Victor I. Balabanov , Russian State Agrarian University, Russian Federation
	Oral Session: Agriculture & Food Security Fertilizer & Pesticide Agriculture & Forestry Agricultural Engineering Plant Science Agricultural Production Systems Crop Sciences Session Chair: Scott A. Shearer , The Ohio State University, USA Session Co-chair: Ulrich Zeller , Humboldt-Universität zu Berlin, Germany
12:20 -12:40	Title: Soil contamination and its effects on roselle (<i>Hibiscus sabdariffa</i>) growth affected by organic matter, and associated with <i>Glomus intrarradices</i> Abdul Khalil Gardezi , Chapingo Autonomous University, Mexico
12:40 -13:00	Title: Global, regional and small-scale drivers of carnivore-livestock conflicts: comparative approaches enhance mitigation strategies Thomas Göttert , Humboldt-Universität zu Berlin, Germany
Lunch Break 13:00 -14:00 @ RBG	
14:00 -14:20	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
14:20 -14:40	Title: Benefits of Gardens on Human Health and Well-being Birgit Steininger , University College for Agrarian and Environmental Pedagogy Vienna, Austria
14:40 -15:00	Title: Effect of different organic sources on nutrient status in rice based cropping sequence Niladri Paul , ICFAI University Tripura, India

15:00 -15:20	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
15:20 -15:40	Title: Plant-parasitic nematodes associated with grain crops and associated weeds in South Africa, with emphasis on the phylogenetic position of <i>Meloidogyne</i> species
	Ebrahim Shokoohi , North-West University, South Africa
15:40 -16:00	Title: Organic farming for sustainable production of two <i>Atriplex</i> species in saline habitats
	Tawfik, M.M , National Research Centre, Dokki, Giza, Egypt
Networking & Refreshment Break 16:00 -16:20 @ Breakout Areas	
16:20 -16:40	Title: Organic Detection of adulteration and identification of meat and milk species using molecular genetic techniques
	Salah Abdel-Rahman , Genetic Engineering and Biotechnology Research Institut, Egypt
16:40 -17:00	Title: Production of upland paddy (var. TRC-87-251) through application of vermicompost under field condition in Tripura, India
	Gautam Bhattacharjee , Swami Vivekananda Mahavidyalaya, India
17:00 -17:20	Title: Hydroxyapatite – urea nano-hybrid as efficient plant nutrient systems
	Nilwala Kottegoda , University of Sri Jayewardenepura, Sri Lanka
17:20 -17:40	Title: Mineral manipulation and Antioxidative studies in Carnation - <i>Dianthus caryophyllus</i> L
	Smita Purohit ,The IIS University, India
17:40 -18:00	Title: A pilot study of toxic elements in cotton seeds with instrumental neutron activation analysis
	Zaijing Sun , South Carolina State University, USA
	Panel Discussion
	Session Adjournment
	Day 2 (October 03, 2017)
	Wright
	Keynote Forum
09:30-10:00	Title: Epigenetic control of leafy heads in Brassica crops
	Yuke He , Chinese Academy of Sciences, China
10:00-10:30	Title: The potential impact of the microbiome in future agriculture
	Rainer Roehe , Scotland's Rural College, United Kingdom
	Oral Session: Soil Sciences Rice Research Agriculture and Environment Livestock Farming & Genetic Engineering Horticulture Agricultural Biotechnology Agricultural Engineering
	Session Chair: Yuke He, Chinese Academy of Sciences, China Session Co-chair: Rainer Roehe, Scotland's Rural College, United Kingdom
10:30-10:50	Title: Management of Insect Pests and a pollinator, <i>Elaidobius kamerunicus</i>, of oil Palm in Malaysia
	Idris Abd Ghani , Universiti Kebangsaan Malaysia, Malaysia
10:50-11:10	Title: Frost protection in Avocado orchards
	Lior Rubinovich , Ministry of Agriculture, Israel

Group Photo	
Networking & Refreshment Break 11:10-11:30 @ Breakout Areas	
11:30-11:50	Title: Association of Arbuscular Mycorrhizas in plants: future perspectives of biofertilizer in Bangladesh Tanzima Yeasmin , University of Rajshahi.Rajshahi, Bangladesh
11:50-12:10	Title: Organic nitrogen uptake: a novel pathway to improve nitrogen use efficiency and crop productivity Kawsar Ali , Abdul Wali Khan University Mardan, Pakistan
Young Research Forum	
12:10-12:30	Title: Development and Evaluation of Iron-fortified Ready to Eat Rice Elizabeth Devi Wahengbam1 , Queen's University Belfast, United Kingdom
12:30-12:50	Title: Cataloguing PubMed reports on Barley; A scientometrics analysis Jagajjit Sahu , Assam Agricultural University, India
12:50-13:10	Title: Optimizing Water and Nitrogen Use efficiency of Maize in Conservation Farming systems Simunji Simunji , University of Zambia(UNZA), Zambia
Lunch Break 13:10-14:10 @ RBG	
14:10-14:30	Title: Comparative effects of ethylene inhibitors in agrobacterium mediated transformation of wild watermelon Malambane Goitseone , Tottori University, Japan
14:30-14:50	Title: Insight into the promoter of Indian cassava mosaic virus (ICMV) by deletion analysis Geetanjali Baruah , Assam Agricultural University,India
14:50-15:10	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
15:10-15:30	Title: Investigation of Green Fruit Yield of Indeterminate Tomato Varieties at Different Locations in Open Field Conditions Funda Yoldas , Ege University, Turkey
15:30-15:50	Title: In- vitro antimicrobial properties of carboxymethylcellulose spray coated copper-montmorillonite nanocomposites Ryan Rienzie , University of Peradeniya, Sri Lanka
15:50-16:10	Title: Efficacy of priming treatment on germination, development and enzyme activity of <i>Allium cepa</i> L. and <i>Brassica oleracea</i> var capitata. Rinku V. Patel , Sardar Patel University, India
Networking & Refreshment Break 16:10-16:30 @ Breakout Areas	
16:30-16:50	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
16:50-17:10	Title: Exposure brassinosteroid and brassinosteroid mimics continually improve photosynthesis in rice subject to heat stress Weerasin Sonjaroon , Kasetsart University, Thailand

17:10-17:30	Title: characterization of novel GTLs associated with sugarcane smut resistance and yield traits
	Zaheer Ahmad Nazar , University of the Punjab, Pakistan
17:30-17:50	Title: Evaluation of phosphate Solubilizing bacteria by their effects on lead (Pb) toxicity
	Rhan Hettiarachchi , University of Ruhuna, Sri Lanka
	Panel Discussion
	Session Adjournment
	Day 3 (October 04, 2017)
	Wright
	Oral Session: Soil Sciences Rice Research Agriculture and Environment Livestock Farming & Genetic Engineering Horticulture Agricultural Biotechnology Agricultural Engineering
	Session Chair: Yuke He, Chinese Academy of Sciences, China Session Co-chair: Rainer Roehe, Scotland's Rural College, United Kingdom
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
	Dinesh Kumar, M. , University of agricultural and horticultural sciences, India
10:10-10:30	Title: Efferent of soil microbiological properties, Yield attributes and yield of Rainfed Maize (<i>Zea mays</i> L.) influenced by different organic methods application
	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 (<i>Ricinus communis</i> L.) under rain fed conditions of Central Dry Zone of Karnataka, India
	Kumar Naik A H , 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, New Delhi, 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
	Anandakumar, B. M. , 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 (<i>Cajanus cajan</i> L. Millsp.)
	Pradeep S. , University of agricultural and horticultural sciences, India
12:30 -12:50	Title: Anti-diabetic and antioxidant activity study of maize silk (<i>Maydis stigma</i>)
	Sapna , ICAR-Indian Institute of Maize Research, Punjab, India
12:50 -13:10	Title: Update of grapevine trunk disease fungi occurred in Italy
	Antonia Carlucci , Universita' degli Studi di Foggia SAFE, Italy

Lunch Break 13:10-14:10 @ RBG	
Poster Session @ Wright 14:10-15:40	
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, Korea
AH-103	Title: Non-thermal plasma: new technology for pathogen control and improvement on the quality of soybean seeds Karina Balestrasse , FAUBA, CONICET, 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 , 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
Networking & Refreshment Break 15:40-16:00 @ Breakout Areas	
Awards & Closing Ceremony	
Session Adjournment	

Contact us:
Richard Thomas
Program Manager | Agri 2017
Conference Series LLC
One Commerce Center-1201
Orange St. #600, Wilmington, Zip 19899, Delaware, USA
Tel: +1-702-508-5200
Fax: +1-650-618-1417 | Toll No +1-888-843-8169(UAS & Canada)
agri@agriconferences.com, agri@foodtechconferences.com

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