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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 oDU London, United Kingdom

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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,

M. S Swaminathan

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: Management of Insect Pests and a pollinator, *Elaiedobius kamerunicus*, of oil Palm in Malaysia**
	Idris Abd Ghani, Universiti Kebangsaan Malaysia, Malaysia
12:40 -13:00	**Title: Benefits of Gardens on Human Health and Well-being**
	Birgit Steininger, University College for Agrarian and Environmental Pedagogy Vienna**,** Austria
	Lunch Break 13:00 -14:00 @ RBG
14:00 -14:20	**Title: Global, regional and small-scale drivers of carnivore-livestock conflicts: comparative approaches enhance mitigation strategies**
	Thomas Göttert, Humboldt-Universität zu Berlin, Germany
14:20 -14:40	**Title: Soil contamination and its effects on roselle (*Hibiscus sabdariffa*) growth affected by organic matter, and associated with *Glomus intrarradices***
	Abdul Khalil Gardezi, Chapingo Autonomous University, Mexico
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 *Meloidogyne* species**
	Ebrahim Shokoohi, North-West University, South Africa
15:40 -16:00	**Title: Organic farming for sustainable production of two Atriplex 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: Mineral manupilation and Antioxidative studies in Carnation - Dianthus caryophyllus L**
	Smita Purohit, The IIS University, India
17:00 -17:20	**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
17:20 -17:40	**Title: A Pilot Study of Toxic Elements in Cotton Seeds with Instrumental Neutron Activation Analysis (INAA)**
	Zaijing Sun, South Carolina State University, USA
	Panel Discussion 17:40-18:00
	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: Livestock Marketing Incentive Scheme as a form of Assurance to Mitigate against Drought: A Case Study of Khomas, Omaheke and Otjozondjupa regions of Namibia during the 2013 and 2015 droughts.**
	Jethro Zuwarimwe, University of Venda South Africa, South Africa
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 *Allium cepa* L. and *Brassica oleracea* 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: Evaluation of phosphate Solubilizing bacteria by their effects on lead (Pb) toxicity**
	Rhan Hettiarachchi, University of Ruhuna, Sri Lanka
17:30-17:50	**Title: Characterization of novel GTLs associated with sugarcane smut resistance and yield traits**
	Zaheer Ahmad Nazar, University of the Punjab, Pakistan

	Panel Discussion 17:50-18:00
	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 (*Zea mays* 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 (*Ricinus communis* 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: 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
11:30-11:50	**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
11:50-12:10	**Title: Effect of different organic nutrient management practices on growth and yield of pigeon pea (*Cajanus cajan* L. Millsp.)**
	Pradeep, S., University of agricultural and horticultural sciences, India
12:10 -12:30	**Title: Plant Growth and Leaf Morphological Change of Spinacia oleracea Grown under Different Light-emitting Diodes**
	EunYoung Choi, Korea National Open University, Korea
12:30 -12:50	**Title: Update of grapevine trunk disease fungi occurred in Italy**
	Antonia Carlucci, Universita' degli Studi di Foggia SAFE, Italy
	Lunch Break 12:50-13:50 @ RBG
	Poster Session @ Wright 13:50-15:30
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: Tolerance of Castanea sativa cultivars to Dryocosmus kuriphilus**
	Tiziana Panzavolta, University of Florence, Italy
AH-106	**Title: Nigerian plant resources; an incredible responsibility for alleviating food insecurity and malnutrition**
	Olamide Falusi, Federal University of Technology, Minna, Nigeria
AH-107	**Title: Roxazyme G2G Supplemental Value in the Utilization of Cassava Starch Residue by Broiler-Chickens**
	Muyiwa Hilarious Ogunsipe, Adeyemi College of Education, Nigeria
AH-108	**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-109	**Title: Update of grapevine trunk disease fungi occurred in Italy**
	Antonia Carlucci, , Universita' degli Studi di Foggia SAFE, Italy
Networking & Refreshment Break 15:30-15:50 @ Breakout Areas	
	Awards & Closing Ceremony
Session Adjournment	

Contact us:

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