Tentative Program

10th International Conference on

Agriculture & Horticulture

October 02-04, 2017 London, UK



Interactive Sessions | Keynote Lectures | Plenary Lectures | Workshops | Exhibitors | B2B Meetings

For available speaker slots

agri@foodtechconferences.com

Program at a Glance

Day 1

Morning Sessions	Reception/Registration	08.00-09.00	
		Time	General Session
	Least of 3 Keynote/Plenary Talks	09.00-09.15	Inaugural Address
		09.15-09.45	Keynote/Plenary Talk 1
		09.45-10.15	Keynote/Plenary Talk 2
		10.15-10.45	Keynote/Plenary Talk 3
	Panel Discussions/Group Photo		
	Coffee/Tea Break 10.45-11.00 (Networking)		
Evening Sessions	11.00-12.40	5 Speakers (20 Mins Each)	
	Lunch Break 12.40-13.30		
	13.30-15.30	6 Speakers (20 Mins Each)	
	Coffee/Tea Break 15.30-15.45 (Networking)		
	15.45-17.25	5 Speakers (20 Mins Each)	

19 Speakers for **Day 1**

Day 2

		Time	Session 1	Session 2
Morning Sessions	09.00-10.40		5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Coffee/Tea Break 10.40-10.55 (Networking)			
	10.55-12.35		5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Lunch Break 12.35-13.25			
Evening Sessions	**13.25-15.05**		**5 Speakers (20 Mins Each)**	**5 Speakers (20 Mins Each)**
	Poster Sessions			
	Coffee/Tea Break 15.05-15.20 (Networking)			
	15.20-17.00		**5 Speakers (20 Mins Each)**	**5 Speakers (20 Mins Each)**

40 Speakers on **Day 2**

Day 3

		Time	Session 1	Session 2
Morning Sessions	09.00-10.40		5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Coffee/Tea Break 10.40-10.55 (Networking)			
	10.55-12.35		5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Lunch Break 12.35-13.25			
Evening Sessions	13.25-15.05		5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)

30 Speakers on **Day 3**

Awards & Closing Ceremony

NOTE: Program Shedule is subject to change with final allotment of the speaker slots

For more Details visit: http://agriculture-horticulture.conferenceseries.com/

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Registrations

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Opening Ceremony

Introduction

Speaker Slots Available
Speaker Slots Available
Speaker Slots Available

Viktor Balabanov, Russian State Agrarian University, Russian Federation
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
Title: Biodiversity and land use – a comparative approach
Ulrich Zeller, Humboldt-Universität zu Berlin, Germany
Title: The potential impact of the microbiome in future agriculture
Rainer Roehe, Scotland's Rural College, United Kingdom
Title: Global, regional and small-scale drivers of carnivore-livestock conflicts: comparative approaches enhance mitigation strategies
Thomas Göttert, Humboldt-Universität zu Berlin, Germany
Title: Artificial diets for lady beetles using powders from different insect species that are commercially produced
Juan A. Morales-Ramos, U.S. Department of Agriculture, USA
Title: Hey "Ag"… What's Your Pension Plan?
Raghavan Sampathkumar, Food & Agribusiness Consultant, Singapore
Title: Comparative effects of ethylene inhibitors in agrobacterium mediated transformation of wild watermelon
Malambane Goitseone, Tottori University, Japan
Title: Characterization of volatiles Trogoderma variabile Ballion in different commodities using solid phase micro extraction–gas chromatography mass spectrometry(SPME–GCMS)
Thamer Alshuwaili, Murdoch University, Australia
Title: Non-thermal plasma: new technology for pathogen control and improvement on the quality of soybean seeds
Karina Balestrasse, Fauba, Conicet, Argentina
Title: Effects of Predation on Productivity of Village Poultry under Different Production Systems in Kibaha Town Council
Msaki, D. T, Kibaha Education Centre, Tanzania
Title: Organic fertilizer effect on nutritional elements, total polyphenol and antioxidant content of roselle (Hibiscus sabdariffa L.) leaves
Kit L Chin, Southern University Agricultural Center, USA
Title: Adaptation of Urban Farmers to the Benefits of Urban Dynamics
Michael Tuffour, University of Ghana (UG), Ghana
Title: Social capital and agricultural technology adoption among Ethiopian farmers
Nizam A. Husen, University of Hohenheim, Germany
Title: A Review: The Essence of Milkbutter: Trend and Production Analysis
Wegene Getachew Andabo, Arba Minch University, Ethiopia

Speaker Slots Available
Speaker Slots Available
Speaker Slots Available

Title: Influence of management practices on soil organic matter indicators under kikuyu, ryegrass and clover pasture mixtures

Motsedisi P Phohlo, University of the Free State, South Africa

Title: Association genetics and candidate gene identification for root length and branching in a historical and modern US wheat population

Mohsen Mohammadi, Purdue University, USA

Title: Changing Oil Palm Industry Image Towards Sustainable Future

Siti Khadijah Mohd Rais, Sime Darby Plantation Sdn Bhd, Malaysia

Title: Transition in mechanization of hillside farming for gender and socially inclusive rural development: A case study of agricultural mechanization policy in Nepal

Rachaba Devkota, Unversity of Guelph, Canada

Title: Important soil quality indicators on kikuyu, ryegrass and clover pasture mixtures in sandy soils of the Tsitsikamma

Motsedisi P Phohlo, University of the Free State, South Africa

Title: Full-length sequence and genetic analysis of barley yellow dwarf virus Korean isolates

Ju Young Bae, National Institute of Crop Science, South Korea

Title: Contract Farming in Sustainability of Medicinal Plants

Ann Mary Jones, Amrita vishwa vidhyapeetham university, India

Title: Carbon and Nitrogen release pattern of soil amended with household waste controlled by manipulating composition of waste mixtures

Rangarirayi.Lucia.Mhindu, Midlands State University, Zimbabwe

Title: What this world needs is SMARTER FARMERS

Marc van der Sterren, Farming Africa, The Netherlands

Title: Response of biological stages of Anthocoris nemoralis F. (*Hemiptera: Anthocoridae*) to different pesticides using Y-tube olfactometer

Baboo ALI, Canakkale Onsekiz Mart University, Turkey

Title: effect of sowing orientation and intercropping on tomato yield and its weeds

Zahid Hussain, The University of Agriculture Peshawar, Pakistan

Title: Climate Uncertainty and Dynamic Adjustment in Agriculture: the case in Cameroon

Martial Bindoumou, Catholic University of Central Africa, Camroon

Title: Molecular Characterization of Eight Accessions of Fonio Millet (*Digitaria spp*) Grown in Ghana.

Ebenezer Otoo, China

Title: Poverty of the Brazilian rural area under the different socioeconomic perceptions

Julcemar Bruno Zilli, UPF Passo Fundo, Brazil

Title: " Current projects of weather engineering and their side effects on the environment, natural resources, agriculture and human health"

Monir M. M. El Husseini, Cairo University, Egypt

Title: Production of upland paddy (var. TRC-87-251) through application of vermicompost under field condition in Tripura, India

GautamBhattacharjee, Swami Vivekananda Mahavidyalaya, India

Title: Food Transfer Receipts as Multi-Spatial Livelihoods among Urban Households in Ghana

Hayford Mensah Ayerakwa, Lund University, Sweden

Title: Sustainable agriculture through vermicomposting technology in India

P. S. Chaudhuri, Tripura University, India

Title: Effect of Accumulated Temperature on the Growth and Development of Tomato Fruits in Flowering Clusters

Ju Young Lee, Center for SFS Con., KIST, Korea

Title: Tolerance of Castanea sativa cultivars to Dryocosmus kuriphilus

Tiziana Panzavolta, University of Florence, Italy

Speaker Slots Available

Speaker Slots Available

Speaker Slots Available

Title: Demand and Supply projection of Cereals: Consequence to food security in India and Nigeria
Isah Musa Ahmad, NAERLS
Title: Identification and diversity analysis of the four major host-defense peptide families in quail
Kei Hanzawa, Tokyo university of Agriculture, Japan
Title: Impact of Watershed Activities on Rejuvenating of Soil Health and Water Conservation in Karnataka (India)
Divakar M. S., Joint Director of Agriculture, India
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
Title: Accumulation of some pollutants (*Malathion and cadmium*) and biochemical alterations in muscles of common carp Cyprinus Carpio collected from the river Nile and some Egyptian lakes.
Mohamed Yahya Mohamed, Al-Kanater Al-Khairya Fish Research Station, Egypt
Title: Anti-Lift Protection Method and System for Tractors
Parminder Singh, Mercedes-Benz R&D India Pvt Ltd., India
Title: Rural Youth Transitions to Farming in Ethiopia: Processes and challenges
Getnet Tadele, Addis Ababa University, Ethiopia
Title: Production and Marketing Systems of Food Security Crops in the Sudan: A commodity Approach Analysis
Khansa.O. M. Ibrahim, Ministry of Agriculture and Natural Resources, Sudan
Title: Bio-Resource Complex of Bangalore Transformed Rural Lives: Impact
Jayanta Roy, Animal Resource Development Department, India
Title: Sprayable biodegradable polymer membrane: Effect of viscosity modifiers on soil wicking, barrier performance and physico-mechanical properties
Raju Adhikari, CSIRO Manufacturing, Australia
Title: Minerals Bio-availability in Soil, Water, Forage and Dairy Cattle at High Altitude
Arup Giri, Defence Research and Development Organization, India
Title: Socio-economic Contribution of Community Food Gardens to the Livelihoods of rural households in Lepelle-Nkumpi Local Municipality of Limpopo Province, South Africa.
Malahlela N.D, University of Fort Hare, South Africa
Title: association of arbuscular mycorrhizas in plants: future perspectives of biofertilizer in Bangladesh
Tanzima Yeasmin, University of Rajshahi, Bangladesh
Title: Agricultural technologies in Sub-Saharan Africa: do market inefficiencies matter in adoption?
Abdallah Abdul-Hanan, University for Development Studies, Ghana
Title: Profitability and compatibility of organic rice-based cropping systems
Arnab Roy, ICAR-NDRI, India
Title: Effects of biostimulants along with fertilizers on yield and yield components on Wheat(*Triticum aestivum*)
Hamed khosravan, IAU
Title: Pectinase from Bacillus subtilis strain Btk-27: Optimization of cultural conditions and application in coffee processing
Oliyad Jeilu Oumer, Ambo University, Ethiopia
Title: Pantoea ananatis causing grain discoloration is widely distributed in the rice-growing fields of the republic of Korea
Sang-Min Kim, National Institute of Crop Science, South Korea

Speaker Slots Available
Speaker Slots Available
Speaker Slots Available

Title: Reforestation of aleppo pine's forests in the northern parts of el kef: ecological restoration and economic opportunities

Ayari Hamza, University of Tunis, Tunisia

Title: Beneficial root endophytic fungi change growth and oil composition of sweet basil in heavy metal contaminated soil

Mayada Sabra, Alexandria University, Egypt

Title: The Emerging Role of Insurance in Sustainable Agriculture and Food Security: The Philippine Case

Jo-Dann N. Darong, United Nations Avenue, Philippines

Title: Sex determintation in nutmeg (*Myristica fragrans h.)* seedlings using scar primers

Mintah Dadzie Francis, Kwame Nkrumah University of Science and Technology, Ghana

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

Title: Significance of drainable and capillary pores in soil moisture behavior in the root zone of agricultural soils of the Nile Delta

Abdelmonem Mohamed Amer, Menoufia University, Egypt

Title: Comparative study of vermicompost prepared with sole rubber leaf and mixture of forest litter

Niladri Paul, College of Agriculture, India

Title: Study on the reaction of Iranian promising eggplant lines to the Fusarium and Verticillium wilt diseases

Ramin Hajianfar, Agricultural Research Education Extension Organization (AREEO)

Title: Emerging Agro Industries and Employment Scenario: Spatial Analysis in India

Ravi Kiran, Jawaharlal Nehru University, India

Title: Growth Response of Plantlets of Plantain (Musa Pardisiaca) to In Vitro Propagation Conditions Simulating Photo-periods and Thermo-periods of South Africa.

Oluwaseun B Ogunjobi, University of South Africa

Title: Weed Control Methods in Wheat Fields – Example Diyarbakir

Pala F, University of Siirt, Turkey

Title: Characterization of novel qtls associated with sugarcane smut resistance and yield traits

Zaheer Ahmad Nazar, University of the Punjab

Title: Epigenetic control of leafy heads in Brassica crops

Yuke He, Chinese Academy of Sciences, China

Title: Detection of adulteration and identification of meat and milk species using molecular genetic techniques

Salah Abdel-Rahman, Genetic Engineering and Biotechnology Research Institute, Egypt

Title: Assessment of the impact of climate change on seed cotton production: Case of the Savannah Region, North Togo

Kossivi Mawussi SOVIADAN, University of Lomé, Togo

Title: Seed priming with Selenium improves growth, yield and anti-oxidative machinery in salt-stressed mungbean (Vigna radiata L.Wilczek) plants

Simranjeet Kaur, Akal University, India

Title: Determination of nutrient and mineral contents of some selected cowpea lines for better quality trait improvement

Asiwe JAN, University of Limpopo,South Africa

Title: Sustainable Agriculture in Rainfed Area of West Bengal through Hapa Irrigation System

Amartya Pani, Indian Institute of Technology Kharagpur, India

Speaker Slots Available
Speaker Slots Available
Speaker Slots Available

Title: Bio-efficacy, phyto-toxicity & effect on soil physico-chemical and biological properties of Glyphosate 71% SG (*Ammonium Salt*) in Tea (*Camellia sinensis L.*)

Poddar Parthendu, North Bengal Agricultural University, Ethiopia

Title: The study of genetic diversity in Lolium Prenne using molecular markers

Vahid Jajarmi, Islamic Azad University

Title: Drying kinetic simulation of a successive pressure drops dehydration (SPDD) machine.

David Andrés Ramirez Gonzalez, Universidad Nacional de Colombia, Colombia

Title: Design and Development of a Grain Probe Moisture Meter

Arlene C. Joaquin, Philippine Center for Postharvest Development and Mechanization, Philippine

Title: Fungal endophytes harbored inside Indian medicinal Plant Asparagus racemosus Willd. reveals Aspergillus oryzae and Penicillium sp. as potent antifungal agents

Kanika Chowdhary, IIT Delhi, India

Title: The imbalance between technology and food waste

Neil Hamilton, VP of Business Development, United Kingdom

Title: Effect of biostimulants on growth, flowering and seed yield of China aster {*Callistephus chinensis (L.) Nees*}

B Hemla Naik, University of Agricultural & Horticultural Sciences, India

Title: Utilisation and development: Biomass analysis for renewable

Abdeen Omer, Energy Research Institute (ERI), United Kingdom

Title: Field response of chrysanthemum (*Dendranthema grandiflora tzvelev*) to phosphorus solubilizing and mobilizing bio inoculants with graded levels of phosphorous

B Hemla Naik, University of Agricultural & Horticultural Sciences, India

Title: Econometric Analysis of Determinants of Credit Access and Demand for Small-Holder and Marginal Vegetable Farmers in Southwest region, Cameroon

Yannick F. Djoumessi, University of Dschang, Cameroon

Title: Improving crop and water productivity of onion and potato through the use of wetting front detectors by water user associations in Koga irrigation Scheme, Ethiopia

Banteamlak M. Taye, Bahir Dar University, Bahir Dar, Ethiopia

Title: Hydroxyapatite – Urea Nanohybrids as Efficient Plant Nutrient Systems

Nilwala Kottegoda, University of Sri Jayewardenepura, Sri Lanka

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, South Korea

Title: Characterization of volatiles Trogoderma variabile Ballion in different commodities using solid phase micro extraction–gas chromatography mass spectrometry(SPME–GCMS)

Thamer Alshuwaili, Murdoch University, Australia

Title: Bean varietal diversity for improved smallholder productivity and food security in Nandi County

Hannington Ochieng, Kenya Agricultural & Livestock Research Organization – Kibos Centre, Kenya

Title: Fruit Cultivation in 'Apple State of India': Opportunities and Challenges

Kalpna Negi, School of Economics, University of Hyderabad, India

Title: Influence of Two Extraction Methods on Essential Oils of Some Apiaceae family Plants

Mohammed Mohammed, National research Center, Egypt

Speaker Slots Available
Speaker Slots Available
Speaker Slots Available

Note: Tentative Program has been designed with the projected speakers names and titles, dates for this program are subject to change

Avail Speaker Opportunity: Send us your abstract and biography as soon as possible

Send your proposals & details to confirm your participation and Book

Bookmark Your Dates: Agri 2017 on October 02-04 in London, United Kingdom

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Conference Highlights

- Agricultural Production Systems
- Agricultural Engineering
- Agriculture & Food Security
- Plant Sciences
- Agriculture Law & Policy
- Agricultural Biotechnology
- Agriculture & Environment
- Agroforestry
- Livestock Farming & Genetic Engineering
- Aqua Farming & Poultry farming
- Fertilizer & Pesticide
- Soil Sciences
- Horticulture
- Rice Research
- Food & Nutrients
- Seed Science and Technology
- Crop Sciences
- Organic Farming
- Agronomy
- Global Warming & Agriculture
- Landscaping and Forest
- Science
- Entrepreneurs Investment Meet

Best Poster Award

- You will be given about 5-7 minutes to present your poster including questions and answers. Judges may pose questions during the evaluation of the poster
- Judges will even evaluate the student's enthusiasm towards their study, interest and knowledge in the area of their research
- The winners will be announced at the closing ceremony of the conference. The decision of the winner will be withdrawn if the winner/winners is/are not present at the time of announcement
- Apart from the judging time you may also be present at the poster to share your research with interested delegates

Young Researchers Forum

- Present your research through oral presentations
- Learn about career development and the latest research tools and technologies in your field
- This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research
- Develop a foundation for collaboration among young researchers
- The forum will provide an opportunity for collegial interaction with other young investigators and established senior investigators across the globe
- Interact and share ideas with both peers and mentors

For detailed sessions, please visit: http://agriculture-horticulture.conferenceseries.com/

Submit your abstract online at: http://agriculture-horticulture.conferenceseries.com/abstract-submission.php

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Glimpses











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Scientific Program

5th International Conference on

Agriculture & Horticulture

June 27-29, 2016 Cape Town, South Africa



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Central 1

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Opening Ceremony

Keynote Forum

Introduction

Title: A transforming soil water retention technology that eradicates drought and increases crop resilience to changing climates

Alvin Smucker, Michigan State University, USA

Title: Can novel management practice improves soil and environmental quality and sustains crop yield simultaneously

Upendra M Sainju, Northern Plains Agricultural Research Laboratory- USDA, USA

Networking & Refreshments Break: @ Foyer

Title: Impact of Climate Change on Agriculture: Should we be worried?

Mxolisi David Modise, University of South Africa, South Africa

Track 1: Global Warming & Agriculture
Track 2: Agricultural Biotechnology
Track 3: Engineering Inputs in Agriculture
Track 4: Soil Sciences
Track 5: Agronomy
Track 6: Horticulture
Track 7: Agriculture & Forestry- Utilization & Potential Applications
Track 8: Crop Sciences

Session Introduction

Session Chair: Alvin Smucker, Michigan State University, USA
Session Co-Chair: Upendra Sainju, Northern Plains Agricultural Research Laboratory- USDA, USA

Title: Food security through plant health management
Mahendra P Srivastava, CCS Haryana Agricultural University, India

Title: PGPR-ASDE-Plant growth promoting Rhizobacteria as alleviators for soil degradation
Metin Turan, Yeditepe University, Turkey

Title: Adaptation measures initiated due to climate change in southern India
Jagadeeshwara K, University of Agricultural Sciences, India

Title: Tissue Culture: A Boon for Agriculture
Shubhangi Salokhe, Symbiosis Institute of International Business, India

Title: Climate change status in mutale local municipality: A case study of smallholder farmers in Vhembe district, Limpopo province.
Phokele Maponya, Agricultural Research Council, South Africa

Title: An assessment of the on the on-the job level of satisfaction of extension officers in Limpopo province, South Africa – Ordinal regression approach
P K Chauke, University of Venda, South Africa

Lunch Break @ Foyer

Title: The effects of harvesting methods of Shea fruit (*Vitellaria paradoxa*) on chemical and physical properties of Shea butter
Vadlya T Tame, Modibbo Adama University of Technology, Nigeria

Title: Factors enhancing market participation: A case of small holder farmers in Zululand district, KwaZulu Natal in South Africa
Phokele Maponya, Agricultural Research Council , South Africa

Title: Evaluation of neem seed and ginger rhizome extracts in control of postharvest tuber rot fungi of Irish potato in Yola
Hycenth Nahunnaro, Modibbo Adama University of Technology, Nigeria

Title: Assessing the host range of Dodder (*Cuscuta campestris* Yunck) among crops in Adamawa State, Nigeria
Aliyu Baworu Mustapha, Modibbo Adama University of Technology, Nigeria

Title: Agrohomeopathy: New practice in Agriculture from seed germination to field trial
Sandhimita Mondal, Techno India University, India

Networking & Refreshments Break: @ Foyer

Day 2 June 28, 2016

Central 1

Keynote Talk

Title: Proposal of Regulations for Pot-Honey produced by four genera of Meliponini bees: Geotrigona, Melipona, Scaptotrigona, Tetragonisca in Ecuador
Patricia Vit, Universidad de Los Andes, Venezuela

Title: Enhanced tolerance of horticultural plants to abiotic and biotic stresses by silicon
Byoung Ryong Jeong, Gyeongsang National University, South Korea

Networking & Refreshments Break: @ Foyer

Track 9: Crop Protection & Awareness
Track 10: Agriculture Law & Policy
Track 11: Organic Agriculture
Track 12: Agricultural Extension & Sustaining Practices
Track 13: Livestock Farming & Genetic Engineering

Session Introduction

Session Chair: Byoung Ryong Jeong, Gyeongsang National University, South Korea
Session Co-Chair: Fhatuwani N Mudau, University of South Africa

Title: Pesticides in management of plant diseases: Public perception and ground realities
Mahendra P Srivastava, CCS Haryana Agricultural University, India
Title: Particulate and active soil nitrogen fractions in response to sheep grazing in dryland cropping systems
Upendra Sainju, Northern Plains Agricultural Research Laboratory- USDA, USA
Title: Comparative analysis and Up-scaling of integrated farming systems among resource poor farmers in peninsular India
Jagadeeshwara K, University of Agricultural Sciences, India
Title: Agricultural policies and food system transformation: has post-apartheid South Africa done better?
Sunday Yiseyon Hosu, University of Fort Hare, South Africa
Title: Physiological and proteomic analyses in graft junction reveal novel insight into mechanisms involved in adaptation to different day/night temperature regimes in two tomato cultivars
Byoung Ryong Jeong, Gyeongsang National University, South Korea
Title: Identification and description of some common ornamental plant species at Ahmadu bello University Zaria, Nigeria
Sani Yusuf Ahmad, Ahmadu Bello University, Nigeria
Title: Influence of growth stage harvest on the quality of baby spinach during postharvest storage
Fhatuwani N Mudau, University of South Africa, South Africa

Young Researcher Forum

Judge 1: Mahendra P Srivastava, CCS Haryana Agricultural University, India
Judge 2: Patricia Vit, Universidad de Los Andes, Venezuela

Title: Does the modified atmosphere packaging (MAP) extend quality of baby spinach leaves on postharvest shelf life?
Ambani Richardo Mudau, University of South Africa, South Africa
Title: Bio Humic Application Effects on Soil Degredation
Nurgul Kitir, Yeditepe University, Turkey
Title: Irrigation water management and food security
Ransford Opoku Darko, Jiangsu University, China

Lunch Break @ Foyer

Title: Characterization of Monsonia burkeana leaf transcriptome
Adugna A Woldesemayat, University of South Africa, South Africa
Title: Ethyl methyl sulfonate (EMS) induced herbicide resistance in in vitro derived rice (*Oryza sativa L.*) calli
Manaka Makgato, Agricultural Research Council, South Africa
Title: Variation in antioxidant activity and soluble sugars of Wild ginger (*Siphonochilus aethiopicus L.*) in response to water and nitrogen levels
Ngoakoana Salmina Mokgehle, Agricultural Research Council, South Africa
Title: Development and performance testing of a passive vegetable dryer with movable heat storage system
Jacob Liberty, Federal University, Nigeria

Networking & Refreshments Break: @ Foyer

Poster Session @ Foyer

Day 3 June 29, 2016

Networking & Lunch

Poster Presentations

AH - 001 **Title: Elucidation of the biochemical and functional properties of an unknown novel protein from Arabidopsis thaliana**
Katlego Sehlabane Abotseng, Northwest University, South Africa

AH - 002 **Title: Ovine herpesvirus 2 (OvHV-2), is the causative agent of sheep-associated malignant catarrhal fever**
Fulufhelo Amanda Doboro, Agricultural Research Council, South Africa

AH - 003 **Title: Study on reaction of late and moderately maturing maize hybrids and lines to Fusarium ear rot in Iran**
Majid Zamani, Seed and Plant Improvement Institute, Iran

AH - 004 **Title: Subsequent effects of vermicomposts from kitchen biowaste on properties of soil and plants**
Ales Hanc, University of Life Sciences, Czech Republic

AH - 005 **Title: Working conditions and health of workers in Ethiopian flower farms**
Vegard Mjelde Hanssen, University of Bergen, Norway

AH - 006 **Title: A Comparison of post-emergence applications of herbicides for control of weeds In Kenyan sugarcane fields**
Riungu Ginson, KALRO-SRI, Kenya

AH - 007 **Title: Influence of different oyster mushroom (*Pleurotus ostreatus*) substrates on the establishment and growth of three selected vegetables**
Zuziwe Elander Nkosi, Agricultural Research Council, South Africa

AH - 008 **Title: Combining ability for grain yield and physiological maturity in early generation Inbred lines of Maize**
Zibandeh Dehghanpour, Seed and Plant Improvement Institute, Iran

AH - 009 **Title: Effects of various hormonal treated plant substrates and their influence on the *Pleurotus ostreatus* development in the semi-arid regions**
Sydwell M Sihlangu, Agricultural Research Council, South Africa



Bookmark your dates

8th International Conference on

Agriculture & Horticulture

April 10-12, 2017 Beijing, China

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Scientific Program

4th International Conference on

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July 13-15, 2015 Beijing, China



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Registrations

Cedar Tree Room

Opening Ceremony

Keynote Forum

Introduction

Andy Renz
Benson Hill Biosystems Inc., USA

Ming Xu
Chinese Academy of Sciences, China

Networking & Refreshments Break @ Foyer

Bernard Omodei
Measured Irrigation, Australia

Yuke He
Chinese Academy of Sciences, China

Track 1: Agronomy and Soil Sciences
Track 4: Plant Biochemistry and Physiology
Track 5: Crop Breeding and Genetics
Track 13: Modeling Tools in Agriculture DSS

Session Introduction

Session Chair: Nasir S A Malik, United States Department of Agriculture, USA
Session Co-chair: Abdul Khalil Gardezi, Postgraduate College, Mexico

Title: The role of arbuscular fungi on crop quality
Nasir S A Malik, United States Department of Agriculture, USA
Title: Effect of endomycorrhiza (*Glomus intrarradices*) and organic matter on cactus pear (*Opuntia albicarpa*) growth in two soil types
Abdul Khalil Gardezi, Postgraduate College, Mexico
Title: Farmers' perspective on soil health in the Indian Punjab: A quantitative analysis of major soil parameters
Sukhwinder Singh, United Kingdom

Lunch Break @ Easy Kitchen

Title: The rapid response of agricultural biosafety via modern mass spectrometry-based microorganism identification technology
Ruizong Jia, Chinese Academy of Tropical Agriculture Sciences, China
Title: Effect of spacings and varieties on growth, yield and economics of transplanted redgram (*Cajanus cajan*)
C Sudha Rani, Prof. JayashankarTelangana State Agricultural University, India
Title: Integrated nutrient management in summer sesamum
Kandi Prakash Vani, Prof. Jayshankar Telangana State Agriculture University, India
Title: The case study and the law regulations of opiate concentrations in the seeds and urine after ingestion of poppy seeds from free market v.s. rare genotypes grown under temperate climate
Franc Bavec, University of Maribor, Slovenia
Title: Response of currently popular sorghum varieties to climate change in South India: DSSAT model analysis
Raveendra H Patil, University of Agricultural Sciences, India
Title: Prolonged effects of irrigation with low quality water on soil biological characteristics
Mohamed Saber Ismaeil, National Research Centre, Egypt
Title: Bio-fortification of rice grain - A case study in Sarawak using calcium silicate and organic fertilizer
Maclin Dayod, Agriculture Research Centre Semongok, Malaysia

Networking & Refreshments Break @ Foyer

Title: The effect of post-harvest storage and time on the quality of baby spinach
Fhatuwani Mudau N, University of South Africa, South Africa
Title: Influence of nitrogen supply on photosynthesis, chlorophyll content and yield of improved rice varieties under upland conditions
Phoebe Sikuku, Maseno University, Kenya

Title: Mapping, identification, and validation of novel yield-enhancing QTLs from O *longistaminata* A Chev et Roehr
Balram Marathi, Prof. Jayashankar Telangana State Agricultural University, India
Title: Effect of mechanical and chemical scarification on germination of dodder (*Cuscuta campestris* Yunck.) seed
Aliyu Mustapha Bawuro, Modibbo Adama University of Technology, Nigeria
Title: Trickle irrigation enhances rabi castor yield and water use efficiency
A V Ramanjaneyulu, Prof. Jayashankar Telangana State Agricultural University, India

Panel Discussions
Session Adjournment

Day 2 July 14, 2015

Cedar Tree Room

Track 2: Horticulture, Floriculture & Forestry
Track 6: Crop Protection and Management
Track 7: Spices, Herbs and Medicinal Plants
Track 8: Tissue Culture and Plant Biotechnology
Track 9: Agricultural Engineering and Technology

Session Chair: Andy Renz, Benson Hill Biosystems Inc., USA
Session Co-chair: Fhatuwani Mudau N, University of South Africa, South Africa

Session Introduction

Title: Entomopathogenic fungi as holistic tools in crop production and protection
Surendra Dara, University of California Cooperative Extension, USA
Title: Increased crop yield through improved photosynthesis
Andy Renz, Benson Hill Biosystems Inc., USA
Title: Climate smart cropping systems
Bolla Joseph, Prof. Jayashankar Telangana State Agricultural University, India

Networking & Refreshments Break @ Foyer

Title: Response of physiological and biomass production of baby spinach (*Spinacia oleracea* L) leafy vegetable to nitrogen, phosphorus and potassium nutrition
Fhatuwani Mudau N, University of South Africa, South Africa
Title: Wheat stem rust and climatic changes in Egypt during the last five years
Mohamed Abdelkader, Plant Pathology Research Institute, Egypt
Title: Studies on Amla and Terminalia based agri-horticultural system intercropped with Aswagandha
A Madhavi Lata, Prof. Jayashankar Telangana State Agricultural University, India
Title: The impact of phosphorus fertilizers on heavy metals content of soils and vegetables grown on selected farms in Jordan
Asad Alkhader, National Center for Agricultural Research and Extension, Jordan
Title: *In vitro* propagation studies in vanilla (*Vanilla planifolia* Andr.)
Satish Patil, University of Agricultural Sciences, India
Title: Optimization of mechanical cacao shelling parameters using unroasted cocoa beans
Jeffrey Lavarias, Central Luzon State University, Philippines

Lunch Break @ Easy Kitchen

Title: Graft compatibility between *Solanum lasiocarpum* and *Solanum torvum* - as a potential tool to mitigate soil-borne diseases in Sarawak
Maclin Dayod, Agriculture Research Centre Semongok, Malaysia
Title: A survey report on application of pesticides on tomato (*Lycopersicon esculantum*) in Bishnupur district, a major commercial vegetable producing area in Manipur, India
Ningthoujam Shovarani, Krishi Vigyan Kendra, India
Title: Nematicidal potential of extracts from some selected plants against the root-knot nematode, *Meloidogyne incognita*
Bukola Aminu-Taiwo, National Horticultural Research Institute, Nigeria
Title: Influence of post-harvest storage temperature and duration on quality of baby spinach
Ambani Richardo Mudau, University of South Africa, South Africa
Title: Effect of some environmental factors on incidence and severity of angular leafspot of cotton in Yola and Mubi, Adamawa state, Nigeria
Hycenth Nahunnaro, Modibbo Adama University of Technology, Nigeria
Title: Computational analysis and mining of physiochemical information for seed spices
Geetika Jethra, National Research Centre of Seed Spices, India

Networking & Refreshments Break @ Foyer

Title: Association analysis of major nutrient and secondary nutrient status of leaves of selected castor genotypes and growth indices of Eri Silkworm
S ChandraShekhar, University of Agricultural Sciences, India
Title: Application of cloud computing in agriculture sector
Rishabh Goel, Indian Agricultural Statistical Research Institute, India
Title: Bio-fumigation in the management of stem and pod rot of groundnut caused by *Sclerotium rolfsii* (Sacc.)
Gali Uma Devi, Prof. Jayashankar Telangana State Agricultural University, India
Title: Spectral simulation and remote sensing method of agricultural information - Application of south China in agriculture and litchi orchard
Shui-sen Chen, Guangzhou Institute of Geography, China
Title: Influence of planting geometry and number seeds per hill on performance of pole bean grown under different protected growing conditions
Mallikarjun Biradar, University of Agricultural Sciences, India

Panel Discussions

Posters Program Cedar Tree Room

Session Adjournment

Day 3 July 15, 2015

Cedar Tree Room

Track 3: Agricultural Extension
Track 10: Agricultural Risk Management
Track 11: Sustainable Practices for Agriculture
Track 12: Agricultural Economics and Agribusiness

Session Chair: Milingoni Peter Tshisikhawe, University of Venda, South Africa
Session Co-chair: S ChandraShekhar, University of Agricultural Sciences, India

Session Introduction

Title: Enhancing the entrepreneurial capabilities of small and marginal farmers thorough extension interventions
J P Sharma, Indian Agricultural Research Institute, India
Title: Financing organic farming activities among vegetable farmers in Onitsha agricultural zone of Anambra state, Nigeria
Ugbajah Maryjane O, Anambra State University, Nigeria
Title: Economics of castor seed and Eri cocoon production with selected castor genotypes
S ChandraShekhar, University of Agricultural Sciences, India

Networking & Refreshments Break @ Foyer

Title: Screening for new sources of angular leaf spot resistance in common bean
Gabriel Ddamulira, National Crops Resources Research Institute, Uganda
Title: Ethnobotanical profile of indigenous tree species protected within agricultural farming system
Milingoni Peter Tshisikhawe, University of Venda, South Africa
Title: The ethnobotanical review of plant used in sustenance of livelihood by Vhavenda people of Limpopo province, South Africa
Khathutshelo Magwede, University of Venda, South Africa
Title: Public extension agents' need for new competencies: Evidence from Limpopo province, South Africa
David B Afful, University of Limpopo, South Africa
Title: Assessment of knowledge level of tribal farmers regarding scientific animal husbandry practices of Madhya Pradesh
Ruchi Singh, Nanaji Deshmukh Pashu-Chikitsa Vigya Vishwavidyalaya, India
Title: Influence of heating time of Shea nuts (*Vitellaria paradoxa*) on some chemical properties of Shea butter
Vadlya T Tame, Modibbo Adama University of Technology, Nigeria

Panel Discussions

Awards Ceremony & Closing Remarks

Session Adjournment

Lunch Break @ Easy Kitchen

Posters Program

AH- 01 **Title: How innovations in agricultural sector could help small and medium-sized enterprises to face a policy evolution?**
Camille Aouinaït, Switzerland

AH- 02 **Title: Transitions towards sustainable development in rural areas: Transition management insights from Bulgaria**
Mira Alyakova, University of National and World Economy, Bulgaria

AH- 03 **Title: Effect of some amino acids, precursors, and light conditions on callus growth and silymarin content of *Silybum marianum* L.**
Nabil Mohamed Toaima, Al-Azhar University, Egypt

AH- 04 **Title: The chemical assessment of seed essence oftwonative medicinal plants of the Yazd province (Bunium premium, *Cuminum cyminum*) and the comparison of their antioxidant properties**
Maryam Azhdari, Shahid Sadoughi University of Medical Sciences, Iran

AH- 05 **Title: Single window system (reaching the unreached)**
Shivanand Kumatagi, Mahatma Phule Krishi Vidyapith, India

AH- 06 **Title: Study of *Danaus chrysippus* & its conservation**
Prasad Deshmukh, Mahatma Phule Krishi Vidyapith, India

AH- 07 **Title: Effect of depodding ratio on occurrence of soybean green stem syndrome and seed weight change**
Jin-Woo Bae, National Institute of Crop Science, Republic of Korea

AH- 08 **Title: Economic analysis of the effects of conservation land to provide food and feed in dry land farming on the Island east**
Helena da Silva, East Nusa Tenggara Assessment Institute for Agricultural Technology, Indonesia

AH- 09 **Title: Impact of cooperative societies on cassava production in Offa local government area, Kwara state, Nigeria**
Ibrahim Tomo K, Kebbi State University of Science and Technology, Nigeria

AH- 10 **Title: Oscillatory processes of water and mineral metabolism of plants cultivated on thin-layer juvenile analogues of soil**
Vladimir K Mukhomorov, Agrophysical Institute, Russia

AH- 11 **Title: Impact of climate change on agriculture sector in Egypt and China**
Zakaria Abdalla, National Research Centre, Egypt

AH- 12 **Title: Environmental aspects in agriculture**
M Ya Burlev, All-Russian Scientific Research Institute, Russia

AH- 13 **Title: Effect of maize - cowpea intercropping on light interception, yield and land use efficiency**
Mostafa Abd El-Salam, National Research Centre, Egypt

AH- 14 **Title: A survey of underutilized economic tree species in Aliero environs, Nigeria**
Mansur Muhammad A, Kebbi State University of Science and Technology, Nigeria

AH- 15 **Title: Effect of organic manure application on apple productivity and chemical composition of leaves, fruits under sandy calcareous soil conditions**
Aml Yousef, National Research Centre, Egypt

AH- 16 **Title: Breeding programs for locally developed hybrid rice and present scenario in Bangladesh**
Afsana Ansari, Chinese Academy of Agricultural Sciences, China

AH- 17 **Title: Adaptability, variability, heritability genotypic and phenotypic coefficient of variability among Acha accessions from north eastern Nigeria**
Umar Muhammad Buba, Abubakar Tafawa Balewa University, Nigeria

AH- 18 **Title: Genetic diversity of the cactus pear (*Opuntia spp*) in morocco as revealed by morphological descriptors and molecular markers**
Youssef El Kharrassi, Université Hassan I, Morocco

AH- 19 **Title: Heterosis and combining ability studies for yield and yield contributing traits in chilli (*Capsicum annuum* L.)**
Prafulla Gawande, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, India

AH- 20 **Title: Prolonged effects of irrigation with low quality water on soil biological characteristics**
Mohamed Saber Ismaeil, National Research Centre, Egypt

AH- 21 **Title: Isolation of alfalfa mosaic virus from four pepper cultivar in Riyadh K.S.A using RAPD-PCR technique**
Jehan Saud Al –Abrahaim, Princess Nora Bent Abdul-Rahman University, Saudi Arabia

AH- 22 **Title: Growth and yield of turmeric (*Curcumin longa*) as influenced by organic manure sources in Obubra, southeastern Nigeria**
Thomas Ojikpong, Cross River University of Technology, Nigeria

AH- 23 **Title: Efficacy of different species of earthworms in production of vermi-compost using sericulture waste**
S ChandraShekhar, University of Agricultural Sciences, India

AH- 24 **Title: Response of spine gourd genotypes (*Momordica dioica* Roxb.) to micropropagation**
Shrinivas Jadhav, Sardarkrushinagar Dantiwada Agricultural University, India

AH- 25 **Title: Flavonoids, essential oil and its constituents of *Anethum graveolens* L. herb affected by nitrogen and bio-fertilizers**
Hussein Said-Al Ahl, National Research Centre, Egypt

AH- 26 **Title: Using MODIS data for predicting regional yield of maize and soybean**
Ho-Young Ban, Seoul National University, Republic of Korea

AH- 27 **Title: Responses of spikelet fertility to air, spikelet, and panicle temperatures and vapor pressure deficit in rice**
Woo-Sung Jung, Seoul National University, Republic of Korea

AH- 28 **Title: Genotypic difference in grain filling response to air temperature during reproductive stage of rice**
Kyu-Jong Lee, Seoul National University, Republic of Korea

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OMICS Group Inc.
2360 Corporate Circle, Suite 400
Henderson, NV 89074-7722, USA
Ph: +1-888-843-8169
Fax: +1-650-618-1417
contact@omicsgroup.com

OMICS International
5716 Corsa Ave., Suite 110, Westlake
Los Angeles, CA 91362-7354, USA
Ph: +1-650-268-9744
Fax: +1-650-618-1414
contact.americas@omicsonline.org

OMICS Group
SEZ Unit, Building No. 20, 9th Floor
APIIC Layout, HITEC City
Hyderabad-500081, Telangana, INDIA
Ph: 040-40131823, 040-47482222
contact.asiapacific@omicsonline.org

Toll free
USA & Canada: +1-800-216-6499
Australia: +1-800-651-097
Europe: 0805-080048