

Recent Innovations and Implementation of Modern Technologies in Agriculture

September 10-12, 2018
Zürich, Switzerland

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AGRI 2018

PROGRAM AT A GLANCE

SCHEDULE

09:00-09:30

REGISTRATION

09:30-12:30

KEYNOTE

12:30-14:30

LUNCH

14:30-16:30

WORKSHOPS

16:30-17:30

SESSION TALKS

17:30-18:30

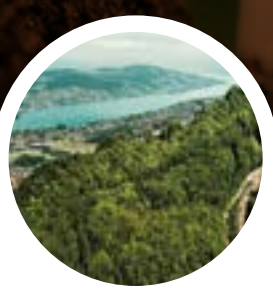
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DATE: Sep 10-12, 2018

Zürich, Switzerland

Conference Series llc LTD extends its welcome to **13th International Conference on Agriculture & Horticulture** during **September 10-12, 2018** at **Zürich, Switzerland** with a theme "**Recent innovations and implementation of modern technologies in Agriculture**". Participating at **Agri 2018** will provide an exceptional opportunity to interact with world-class Agriculture science and Plant science Experts in the field creating a channel for collaborations and partnerships.

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KEY SESSIONS

Agriculture Engineering

Agriculture & Food Security

Plant Science

Agricultural Production Systems & Agribusiness

Agricultural Biotechnology

Agriculture & Environment

Agroforestry & Landscaping

Livestock/Animal Farming

Agronomy & Crop Science

Soil Science & Water Management

Crop Protection & Entomology

Fertilizers & Pesticides

Food Science

Rice & Wheat Research

Greenhouse & Horticulture









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Featured Speakers

Improving crop production in developing countries
Mohammad Babadoost, University of Illinois, USA

Amending acidic soils for sustainable wheat production
Paul Glen Carter, Washington State University, USA

Strategies to improve tolerance to abiotic stress in legumes
Jose J. Pueyo, Institute of Agricultural Sciences, Spain

Bioefficacy test of Hatake (*Bacillus Amyloliquefaciens* d203 strain) for the control of crown rot disease in 'Cavendish' bananas
Bryl I. Manigo, University of Southeastern, Philippines

Florida-friendly landscaping™: A grass-roots horticulture program that promotes urban environmental stewardship
Susan Haddock, UF/IFAS Extension, USA

Field survey of Drosophila suzukii and its potential classical biological agents in waxberry orchards from Fujian, China
Pumo Cai, Fujian Agriculture and Forestry University, China

Short-term soil carbon dioxide emission, organic carbon and nitrogen of soil as affected by N Fertilization in an arid wheat field, Northwest of Mexico
Silvia M. Avilés, Autonomous University of Baja California, Mexico

Quantifying and Correcting for Clay Content Effects on Soil Water Measurement by Reflectometers
Daran Rudnick, University of Nebraska-Lincoln, USA

Increasing cocoa yield through comprehensive good agricultural practices in cocoa (*Theobroma cacao L.*) cultivation
Rozita Osman, Malaysian Cocoa Board, Malaysia

Analysis Performance of The Warehouse Receipt System (WRS) to Support Agricultural Marketing in Indones
Endro Gunawan, Asian Institute of Technology, Thailand

Determinants of risk behaviour in livestock development programmes: Evidence from South Africa's Kaonafatso ya Dikgomo (KyD) scheme
Saul Ngarava, University of Fort Hare, South Africa

Title: Effects of fenoxycarb on Female Reproduction in the cotton bollworm, *Helicoverpa armigera* (H.) (Lepidoptera: Noctuidae)
Malambane Goitseone, Tottori University, Japan

The bibliometric based analysis of risk assessment of alien invasive insects from 2007 to 2017
Cong Wang, Institute of Beneficial Insects,Fujian Agriculture and Forestry University, China

Analysis of nutrient composition of compost in semi-arid areas of Ethiopia
Kassa Teka Belay, Institute of Geographic Sciences and Natural Resources Research, China

Speaker & Keynote Slots Available

Featured Speakers

Assessment of growth and yield performances of Pleurotus salmoneostramineus mushroom grown on maize stalk supplemented with various levels of wheat bran and maize flour
Senzosenkosi S Mkhize, University of Zululand, South Africa

Simulation of mungbean productivity during the fallow phase on rainfed rice in Central Java, Indonesia
Elsa Rakhmi Dewi, University of Goettingen, Germany

Chinese cabbage production on many kinds and dossages of organic fertilizer in pangalengan, west java, Indonesia
Meksy Dianawati, AIAT West Java, Indonesiana

Effects of spermidine on photosynthesis, antioxidant enzyme activity and gene expression in melon under chilling stress
Zhang Yongping, Shanghai Academy of Agricultural Sciences, China

Challenges Associated with the Integration of Variable Rate Irrigation and Variable Rate Nitrogen Management on Highly Variable Soils
Tim Shaver,University of Nebraska-Lincoln, USA

Effects of waterlogging stress on growth and physiological indexes on different melon seedlings
Chen Youyuan, Shanghai Academy of Agricultural Sciences, China

Agricultural Extension Agents' Opinions towards the Extension Problems in Jordan- A Case Study
Ahmad Al-Shadiadeh, Al-Balqa Applied University, Jordan

Incidence of clubroot in Shanghai and Effect of Exogenous Salicylic Acid on Seedling Growth, Physiological Characteristics and Resistance-Clubroot (Plasmodiphora brassicae) in Pakchoi （Brassic campestris ssp. chinensis Makino）
Yuying Zhu, Shanghai Academy of Agricultural Sciences, China

Prediction of commuting effects of varying hydraulic cylinder movements on soil-ploughbreast interaction with a HRP
Lin Zhu, National Natural Science Foundation of China, China

Quality characteristics of sweetpotato varieties according to storage conditions
Gyeong-Dan Yu, National Institute of Crop Science, Korea

Effects of high temperature stress on active oxygen metabolism, anthocyanin contents and its synthase of eggplant peel
Cha Dingshi, , Shanghai Academy of Agricultural Sciences, China

Induction of cold tolerance by priming and stress memory in crops
Xiangnan Li Chinese Academy of Sciences, China

Phluorogucinol as a novel hormone in tissue culture of *Ornithogalum dubium*
Carloalberto Petti, Institute of Technology Carlow, Ireland

Speaker & Keynote Slots Available

Featured Speakers

Identifying, developing, and moving sustainable communities through application of bioenergy for energy or materials: future perspective through energy efficiency
Abdeen Omer, ERI, United Kingdom

Sewage water effects on Okra (Abelmoschus esculentus) growth affected by organic matter, and *Pseudomonas fluorescens*
Abdul Khalil Gardezi, Postgraduate College, Mexico

Development of upland rice plants as affected by potassium fertilization and diazotrophic bacteria strain of Serratia spp.
Adriano Stephan Nascente, Embrapa Arroz e Feijao, Brazil

Effects of water stresses on the growth of Miscanthus sacchariflorus 'Geodea-Uksae 1' during reproductive growth stage
Ji-Eun Lee, Bioenergy Crop Research Institute, Korea

Effects of Low Light on Photosynthetic Properties, Antioxidant Enzyme Activity, and Anthocyanin Accumulation in Purple Pak-choi
Zhu Hongfang, Shanghai Academy of Agricultural Sciences, China

Characterization and properties of some seed coating formulations based on natural polymers
Bianca-Ioana Dogaru, Petru Poni Institute of Macromolecular Chemistry, Romania

The effect of BC204, a plant bio-stimulant, on the growth of *A. thaliana* and *S. lycopersicon*
Johannes Loubser, Stellenbosch University, South Africa

Quality and flavour issues in different tomato cultivars grown under greenhouse for the UK supermarkets
Arshad Yaseen , Salahaddin University-Erbil

DNA barcoding and its challenges for successful implementation
Siraj khan, Abdulwali khan University

Effect of salt stress on the growth and development of saffron in Eastern Morocco
Ibtissam Mzabri, Université Mohamed Premier, Morocco

Assessment of Adoption of Integrated Pest Management Practices among Cowpea
Peter Gyanden Kughur, University of Agriculture, Nigeria

The impact of agricultural trade on farmers livelihood
Imran Ulllah, Institute of Management Sciences

Tomato-Tef intercropping practice of farmers in Tahtay-Maichew woreda
Mebrahtu Gebremariam Gebretsadkan, Aksum University Shire Campus, Ethiopia

SPEAKER & KEYNOTE SLOTS AVAILABLE

Featured Speakers

Assessment of factors influencing adoption of agroforestry technologies in Halaba special Woreda, Southern Ethiopia
Mihretu Erjabo, Debre Tabor University, Ethiopia

Standardization of suitable temperature for dates drying in hot air dryer
Amina, AARI

Agriculture and Horticulture plays and important role in the development of health, basic need of life, reduction in poverty and hunger in the developing countries of the world like South Asia
Muhammad Usman, General of Agricultural Research System

Allelopathic potential of onion weed (*Asphodelus tenuifolius* Cav.) on growth and germination of mash bean (*Vigna mungo* L.)
Muhammad Jawad Bin Ashraf, University of Agriculture

Title: Adaptation trails and economic value of malt barley (Hordeum disticho.) cultivars grown under rainfed condition in Hadiyya zone, Southern Ethiopia
Melaku Bonkola, Wachemo University, Ethiopia

Soil Test Crop Response Studies on Cowpea (Vigna ungiculata (L) Walp) in Mollisol
Varun Tripathi, India

Determination of the optimal harvesting stage of African nightshade (Solanum spp) seeds
Noella Andenyi Ekhuya, Jomo Kenyatta University of Agriculture and Technology, Kenya

Photosynthetic machinery, nitrogen remobilization efficiency and yield of wheat (*Triticum aestivum* L.) crop as influenced by leaf colour chart and chlorophyll meter based real time nitrogen management
Reea verma, Govind Ballabh Pant University Agiculture and Technology, India

Standardization Of Blanching/Boiling Time On Different Varieties Of Dates For Making Dry Dates
Sahar Rashid, Ayub Agricultural Research Institute Faisalabad

Genetic evaluation of sunflower (*Helianthus annuus* L.) for yield of achene and its related traits
Hina Saleem, University of Agriculture

Plant growth promoting rhizobacteria: Beneficial effects for healthy and sustainable agriculture
Pacôme A Noumavo, University of Abomey-Calavi, Benin

Chromium toxicity can cause oxidative stress and photosynthesis changes in crop plants
Mostafa Heidari, Shahrood University of Technology

Productivity and livelihood improvement through integrated farming system for one hectare land for Chhattisgarh plain area of India
Shrikant Chitale, Indira Gandhi Agricultural University, India

SPEAKER & KEYNOTE SLOTS AVAILABLE

Featured Speakers

Linseed (*Linum usitatissimum* L.) yield maximization agronomy for Chhattisgarh state of India
Sanjay K. Dwivedi, Indira Gandhi Agricultural University, India

The Effects of organic fertilizers on carotenoid compounds and yield in saffron (*Crocus Sativus* L.)
Majid Jafarimoghadam, Tehran Researches and Sciences University

Insight into the promoter of Indian cassava mosaic virus (ICMV) by deletion analysis
Azam Mikani, Tarbiat Modares Universit

Analysis of organochlorine pesticides in underground water samples from selected areas of Nowsehra, Pakistan
Kashif zaman, University college Of Sciences Shankar (AWKUM)

Breeding a day- neutral type of variety of greengram, from the long photoperiodic sonamung through induced mutagenesis
Suma Mogali, University of Agricultural Sciences, India

The potentials and adaptability of bambara nut (*Vigna subterranea* (L.) Verdc) grown in humid tropical environment
Mustapha Dauda Belel, Federal Polytechnic, Nigeria

Legume cropping systems diversification and intensification for soil fertility improvement and family nutritional benefits
Joseph Blackwell C. Kalasa, University of Livingstonia, Malawi

Modern techniques for walnut propagation
Stefan Gandev, Fruit-Growing Institute, Bulgaria

Citrus biotechnology: limitations and prospects
Ammara Noreen, Horticultural Research Station

Insecticidal potency of formulated neem seed oil at various rates and spraying regime on pigeonpea flower blister beetle, Mylabris pustulata Thunberg in Owerri Rainforest Zone, Nigeria
Sunday Dialoke, Federal University of Technology

Farmers' indigenous knowledge to adapt to floods in an giang province, Vietnam
Pham Xuan Phu, An Giang University, Viet Nam

Improvement sweet basil productivity under salinity condition
Nermeen Shanan, Cairo University, Egypt

Evaluation of late maturity maize lines and hybrids to southern corn leaf blight disease using artificial inoculation
Majid Zamani, Education and Extension Organization(AREEO)

Optimizing water and nitrogen use efficiency of maize in conservation farming systems
Waqas Raza, University of Sargodha

Speaker & Keynote Slots Available

Featured Speakers

Antagonistic potential of Trichoderma as biocontrol agent against Alternaria solani causes early blight of tomato
Jagajjit Sahu, Assam Agricultural University, India

Characterization of Cytoplasmic male sterile lines of *Brassica oleracea* var. botrytis using mitochondrial-DNA specific markers
Saurabh Singh, ICAR-Indian Agricultural Research Institute, India

Response of lawn grass cultivars to various nitrogen levels
Muhammad Musa Khan, University of Agriculture Peshawar

The effect of rice husk ash on vegetative growth and leaf anatomy structure of red rice (*Oryza sativa* L.) 'segreng' on drought stress
Hartalina Mufidah, Universitas Gadjah Mada, Indonesia

Evaporation estimation in hilly area by Multiple Linear Regression, Artificial Neural Network and Co-active Neuro Fuzzy Inference system based models
Sushma Tamta, Govind Ballabh Pant University of Agricultural and Technology, India

Prevalence Of Fungi And Mycotoxins In Cocoa Beans From Cocoa Producing Areas Of Ogun State, Nigeria
Soretire Ayodele , Federal University of Agriculture

Effect of sorghum biochar on amarantus performance in Nkolbisson, Cameroon
Billa Samuel Fru, University of Dschang, Cameroon

Significance of pollinators for lucerne seed crop and management of newly emerged stink bug, Agonoscelis spp. (Heteroptera: Pentatomidae) with insecticides (Medicago sativa L.) and their impact on seed production
Haider Karar, Fodder Research Institute

Yield of wheat (*Triticum aestivum* L.) as influence by planting dates and planting methods in the Sudan savanna ecological zone of Nigeria
Adamu Muhammad, Kebbi State University of Science and Technology

Soybean based farming system assessment in east java Indonesia
Mohammad Saeri, the Assessment Institute for Agricultural Technology, Indonesia

Effect of IKF-309 180SC against powdery mildew of chilli vis-à-vis impact of weather factors on disease progression in field
Partha Sarathi Nath, Bidhan Chandra Krishi Viswavidyalaya, India

Phenotypic stability and homeostasis studies in Assam rice collection at varying nitrogen regimes
Shantanu Das, Assam Agricultural University, India

Field performance evaluation of indigenous tractor mounted reaper
Muhammad Adnan, University of Agriculture Faisalabad

SPEAKER & KEYNOTE SLOTS AVAILABLE

Featured Speakers

Effectiveness of disemination methods and factors that influence farmer adoption to citrus gerga lebong technology in Bengkulu Indonesia
Umi Pudji Astuti, Yogyakarta Assessment Institute of Agriculture Technology, Indonesia

Identification and diversity of the causal organism of shot hole disease of stone fruits in Korea
Chang-Gi Back, NIHHS, South Korea

Physical and Mechanical Behavior of various Timbers Species for Agriculture utility from different localities of Uttarakhand, India for Doubling Farmers' income
Annu Rani, Govind Ballabh Pant University Agiculture and Technology, India

Chemical control of Bacterial leaf spot, Cercospora leaf spot and dieback of Chilli vis a vis weather factors on disease severity
Srikanta Das, Bidhan Chandra Krishi Viswavidyalaya, India

Field Optimization of the attractiveness of brown cocoa mirid Sahlbergella singularis Haglund (Hemiptera: Miridae), by different colorless sex pheromone sticky traps in the Centre and South-West Regions of Cameroon
Hermine Claudine Mahot, The International Institute of Tropical Agriculture, Camroon

A Granular fungicide for the Management of Sheath blight Disease of Paddy
Dinesh Sharma, Rallis India Ltd., India

Screening of Mungbean (Vigna radiata) Genotypes for Nutrient Stress Tolerance
Md Altaf Hossain, Soil Resource Development Institute, Banglades

Faster heading of rice crop in relation to "shoot unit" concept
Bahman Amiri Larijani, Rice research institute of Iran

The genotype x environment interactions in wild sunflower species (*Helianthus* L. spp.)
Nazan Dağüstü, Uludağ University, Turkey

Youth participation in cassava value in Abia state, Nigeria
Chukwudi Njoku, Federal University Ndufu-Alike

Cluster distribution of tropical pumpkin (*Cucurbita maxima*) accessions of south eastern Nigeria
Obasi Chiamaka C., Federal University of Technology Owerri

Attractiveness of food baits to the melon fruit fly, *Bactrocera cucurbitae* (Coquillett) (Diptera: Tephritidae)
Mubashar Iqbal, University of Agriculture

Yield and yield attributes of Maize (*Zea mays* L.) varieties under Integrated Soil Fertility Management (ISFM) framework in Samaru
Haratu Dauda, Ahmadu Bello University

Prediction of 'Kyoho' grape veraison by growing season temperature
Jeom Hwa Han, National Institute of Horticultural & Herbal Science, South Korea

SPEAKER & KEYNOTE SLOTS AVAILABLE

Featured Speakers

Bacterial wilt resistant breeding in *Solanum lycopersicum* L. under mid-hill conditions of north western Himalaya
Nidhi Sehgal, CCS Haryana Agricultural University, India

Plant Therapy: a non-pharmacological and noninvasive treatment approach medically beneficial to the well being of patients
Muhammad Ali Khan, Abdul Wali Khan University Mardan

The preliminary exposition of soil biological activity, microbial diversity and morpho-physiological indexes of cucumber under interactive effect of allelopathic garlic stalk; a short-term dynamic response in replanted alkaline soil
Ahmad Ali, Northwest Agriculture and Forestry University, China

Mistletoe Versus Pathogenic Fungi
Oğuzhan Açıkgöz, Hidayet Aydoğan Sosyal Bilimler Lisesi, Turkey

Induction of cold tolerance by priming and stress memory in crops
Fengbin Song, Chinese Academy of Sciences, China,

Evaluation of insecticidal, biological and biochemical effects of monoterpenes against the cotton leafworm, Spodoptera littoralis Boisd. (Lepidoptera: Noctuidae)
Mohamed El-Aw, Damanhour University, Egypt

Applying data mining techniques to predict the yield in e-Agriculture
Sahal K, IIT, India

SPEAKER & KEYNOTE SLOTS AVAILABLE

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Registrations

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Opening Ceremony

Keynote Forum

Introduction

Title: Smart irrigation: Agricultural water savings with improved irrigation scheduling

Kelly T Morgan, University of Florida, USA

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

Title: Sustainable agriculture through vermicomposting technology in India

Priyasankar Chaudhuri, Tripura University, India

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

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

Session Chair: Kelly T Morganl, University of Florida, USA

Session Co-chair: Ulrich Zeller, Humboldt-Universität zu Berlin, Germany

Session Co-chair: Gurudatt M Hegde, University of Agricultural Sciences, India

Session Introduction

Title: Soil contamination and its effects on roselle (*Hibiscus sabdariffa*) growth affected by organic matter, and associated with Glomus intrarradices

Abdul Khalil Gardezi, Postgraduate College in Agriculture Science, Mexico

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

Title: Benefits of gardens on human health and well-being

Birgit Steininger, University College for Agrarian and Environmental Pedagogy, Austria

Lunch Break

Title: Effect of different organic sources on nutrient status in rice based cropping sequence

Niladri Paul, College of Agriculture, Tripura, India

Title: Organic nitrogen uptake: a novel pathway to improve nitrogen use efficiency and crop productivity

Kawsar Ali, Abdul Wali Khan University Mardan, Pakistan

Title: Organic farming for sustainable production of two *Atriplex* species in saline habitats

Tawfik M M, National Research Centre, Egypt

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

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

Title: Hydroxyapatite – urea nano-hybrid as efficient plant nutrient systems

Nilwala Kottegoda, University of Sri Jayewardenepura, Sri Lanka

Networking & Refreshment Break

Title: Mineral manupilation and Antioxidative studies in carnation - *Dianthus caryophyllus* L
Smita Purohit, IIS University, India
Title: Update of grapevine trunk disease fungi occurred in Italy
Antonia Carlucci, Universita' degli Studi di Foggia SAFE, Italy
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
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

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

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

Session Chair: Yuke He, Shanghai Institutes for Biological Sciences, China
Sesstion Co-Chair: Idris Abd Ghani, University Kebangsaan Malaysia, Malaysia

Session Introduction

Title : Production of tea and increse oincrease in earethworm density-biomass following Vermicompost (notvermiposting written before) application.
Priyasankar Chaudhuri, Tripura University, India
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

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
Title: Management of insect pests and a pollinator, *Elaeidobius kamerunicus*, of oil palm in Malaysia
Idris Abd Ghani, University Kebangsaan Malaysia, Malaysia
Title: Frost protection in Avocado orchards
Lior Rubinovich, Ministry of Agriculture, Israel
Title: Overview of biological control of insect pests in thailand
Samaporn Saengyot, Maejo University, Thailand
Title: Integrated management of pod rot disease of cocoa
Gurudatt M Hegde, University of Agricultural Sciences, India
Title: Efficacy of different integrated management practices against major diseases of Groundnut in northern Karnataka
PNagaraju, University of Agricultural Sciences, India
Title: Association of arbuscular mycorrhizas in plants: future perspectives of biofertilizer in Bangladesh
Tanzima Yeasmin, University of Rajshahi, Bangladesh

Lunch Break

Young Researchers Forum

Title: Development and evaluation of iron-fortified ready to eat rice
Elizabeth Devi Wahengbam1, Tezpur University, India
Title: Cataloguing PubMed reports on barley: A scientometrics analysis
Jagajjit Sahu, Assam Agricultural University, India
Title: Optimizing water and nitrogen use efficiency of maize in conservation farming systems
Simunji Simunji, University of Zambia, Zambia
Title: Comparative effects of ethylene inhibitors in agrobacterium mediated transformation of wild watermelon
Malambane Goitseone, Tottori University, Japan
Title: Insight into the promoter of Indian cassava mosaic virus (ICMV) by deletion analysis
Geetanjali Baruah, Assam Agricultural University,India
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
Title: Investigation of green fruit yield of indeterminate tomato varieties at different locations in open field conditions
Funda Yoldas, Ege University, Turkey
Title: In- vitro antimicrobial properties of carboxymethylcellulose spray coated copper-montmorillonite nanocomposites
Ryan Rienzie, University of Peradeniya, Sri Lanka
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

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
Title: Exposure brassinosteroid and brassinosteroid mimics continually improve photosynthesis in rice subject to heat stress
Weerasin Sonjaroon, Kasetsart University, Thailand
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

Title: Identification and diversity analysis of the four major host-defense peptide families in quail
Kei Hanzawa, Tokyo university of Agriculture, Japan
Title: Effect of accumulated temperature on the growth and development of tomato fruits in flowering clusters
Ju Young Lee, KIST, South Korea
Title: Non-thermal plasma: New technology for pathogen control and improvement on the quality of soybean seeds
Karina Balestrasse, FAUBA, Argentina
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, Korea
Title: Nigerian plant resources; an incredible responsibility for alleviating food insecurity and malnutrition
Olamide Falusi, Federal University of Technology, Minna, Nigeria
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
Title: Tolerance of *Castanea Sativa* cultivars to dryocosmus kuriphilus
Tiziana Panzavolta and Matteo, Bracalini University of Florence, Italy

Title: Biscogniauxia rosacearum new fungal pathogen of rosaceous trees
Antonia Carlucci, Universita' degli Studi di Foggia SAFE, Italy
Title: Roxazyme G2G supplemental value in the utilization of cassava starch residue by broiler-chickens
Muyiwa Hilarious Ogunsipe, Adeyemi College of Education, Nigeria
Title: Anti-adipogenic effect of *Moringa oleifera* leaves extract in porcine bone marrow derived mesenchymal stem cells
Kulisara Marupanthorn, Rajamangala University of Technology, Thailand
Title: The warning of the consumers about the effect of food synthetic dyes on children
Zahia Saoud, Pasteur Institute of Algiers, Algeria

Panel Discussion

Day 3 October 04, 2017

Sessions: 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, Shivamogga, India
Session Co-Chair: Parashuram Chandravanshi, University of Agricultural and Horticultural Sciences, Shivamogga, India

Session Introduction

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, Shivamogga, India
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, Shivamogga, 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, Shivamogga, India
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, Shivamogga, India

Networking & Refreshment Break

Title: Shelf-life studies on b-carotene and total carotenoids in maize
Sapna, ICAR-Indian Institute of Maize Research, New Delhi, India
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, Shivamogga, India
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, Shivamogga, India
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, Shivamogga, India
Title: Anti-diabetic and antioxidant activity study of maize silk (*Maydis stigma*)
Sapna, ICAR-Indian Institute of Maize Research, New Delhi, India

Lunch Break

Awards & Closing Ceremony



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