Tentative Program

11th World Congress on

Plant Biotechnology & Agriculture

March 05-07, 2018 Paris, France



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

For available speaker slots

agriworld@agriconferences.com

Agri World 2018 Tentative Program	
Day 1	**March 05, 2018**
Opening Ceremony	
Registration	
Key Note Presentation	
Title: What type of meat will we eat in the future: still conventional meat from livestock, in vitro meat or meat analogues?	
Jean-Francois Hocquette, INRA, France	
Coffee Break	
Title: Using Decision Trees for Variety Selection	
Jerry Johnson, Colorado State University, USA	
Title: Global research ensuing in an invention for comprehensive control of coccidiosis in poultry	
Elie K. Barbour, American University of Beirut, Lebanon	
Oral Sessions	
Complexity in the global agricultural system – Threats to human development and opportunities for science	
Roberto Pasqualino,Global Sustainability Institute – Anglia Ruskin University, UK	
Lunch Break	
Title: The law of the field crop performance (agrophytocenosis) productivity – the key to the future of agriculture	
Petras Lazauskas, Aleksandras Stulginskis University, Lithuania	
Title: Development and results of agroforestry in Chile: Connections of forests and agriculture	
Alvaro Sotomayor, Forest Research Institute, Chile	
Title: Molecular profiles of diploid and triploid cytotypes of *Acorus calamus* Linn.	
Gurumayum Jitendra Sharma, Manipur University, India	
Speaker Slot Available	
Coffee Break	
Speaker Slot Available	
Title: Molecular characterization of rice (*Oryza sativa L.*) germplasm using SSR marker	
Pooran Chand, Sardar Vallabhbhai Patel University of Agriculture & Technology, India	
Title: Mapping and Analysing Value Chain of Rice Crop in Ayeyarwaddy Region	
Thuzar Linn, Ghent University, Belgium	
Speaker Slot Available	
Day 2	**March 06, 2018**
Keynote Presentation	
Title: How to address sustainability in agriculture ?	
Fabienne Trolard, UMR INRA-UAPV, France	
Coffee Break	

Title: Innovative Practices for Dairy and Potato Farmers to Adapt to Increasingly Variable Climatic Conditions: Lessons Learned in Maine
John M. Jemison, University of Maine, USA
Symposium
Title: Unleashing potential of agricultural biotechnology: an economic assessment
David Zilberman , UC Berkeley, USA
Oral Sessions
Title: Efficient transformation of submergence tolerant deep-water rice of North-East India and fast recovery of transgenic plants
Sadhu Leelavathi, International Centre For Genetic Engineering And Biotechnology (ICGEB), India
Speaker Slot Available
Lunch Break
Horticultural Exports from Developing to Developed Countries: Case of Latin American Competition for the US Market
Jamie Malaga
Title: Strategies for Haploid Plant Production: Experiences from Sunflower
Yıldız Aydın, Marmara University, Turkey
Title: The Use of DNA Markers in Plant Breeding for Disease Resistance: from PCR-based Approaches to Allele Specific Markers
Ahu Altınkut Uncuoglu, Marmara University, Turkey
Speaker Slot Available
Coffee Break
Development of organic farming using Participatory Guarantee Systems: A case study in land reform area, Ayutthaya Province, Central Thailand
Prae-ravee K-hasuwan, Ministry of Agriculture and Cooperatives, Thailand
Title: Protein Baits, Volatile Compounds and Irradiation Influence Expression Profiling of Odorant-Binding Protein Genes in Bactrocera dorsalis *(Diptera: Tephritidae)*
Atif Idrees, Fujian Agriculture and Forestry University, China
Title: Relationship between physiological traits and grain yield in wheat (Triticum aestivum L.) under heat-stress environments
Pooran Chand, Sardar Vallabhbhai Patel University of Agriculture & Technology, India
Speaker Slot Available

Day 3	March 07, 2018
Oral Sessions	
Speaker Slot Available	
	Coffee Break
Speaker Slot Available	
Young Research Forum	
Title: Design and construction of a dehydrator by Instant Controlled Pressure Drop (ICPD) for specialty coffee	
Andrés Felipe González-Mora, National University of Colombia, Colombia	
Title: Impact of Dehydration by Successive Pressure Drops on the final characteristics Specialty Coffee	
Francy Alejandra Vanegas Izquierdo, National University of Colombia, Colombia	
Title: Consequences of Divergent Vase Solutions on Post-Harvest Durability and Quality of Heliconia Inflorescences	
Moumita Malakar, University of Calcutta, India	
Title: Nutritional, physicochemical properties and shelf life of crackers based on cladode flour of Opuntia ficus indica	
Bouchra Nabil	
Title: Enthalpy-entropy compensation analysis of the powder of Taraxacum Officinale's leaves in moisture sorption phenomena	
Haytem	
Title: Molecular characterization of ten Heliconia (Heliconiaceae) genotypes by means of RAPD markers	
Moumita Malakar, University of Calcutta, India	
	Lunch Break
POSTER PRESENTATION	



Conference Highlights

- Plant Biotechnology
- Sustainable Agriculture
- Agronomy and Crop Sciences
- Greenhouse & Horticulture
- Applied Plant Science
- Plant Tissue Culture
- Seed Science & its advancements
- Biofertilizers and Biopesticides
- Plant Pathology and Entomology
- Agriculture Engineering & its Applications
- Crop Protection and Awareness
- Agricultural Biotechnology & Agro-forestry
- Global Climate Change
- Natural Resources Management
- Rice & Wheat Research
- Bioenergy & Energy Conservation
- Plant Phonology and Physiology
- Biotechnology for Agricultural Waste Recycling
- Algae, Fungi and Lichens
- Medicinal & Ornamental Plants
- Post-harvest technology
- Livestock Farming & Production
- Organic Farming
- Transgenic Plants and Soil Microbes
- Phototherapy and Ethno botany
- Agribussiness & Entrepreneurship

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Glimpses of Agri World 2017







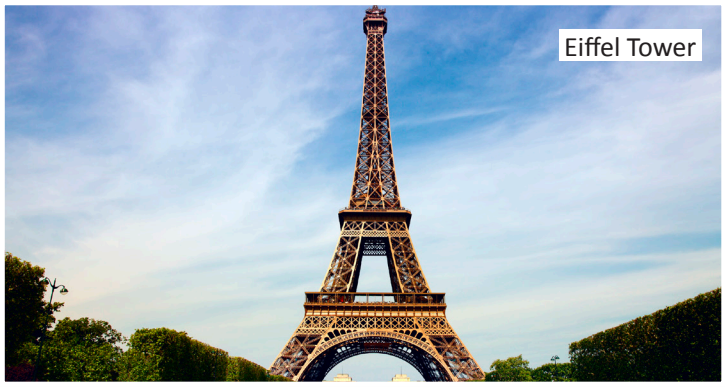






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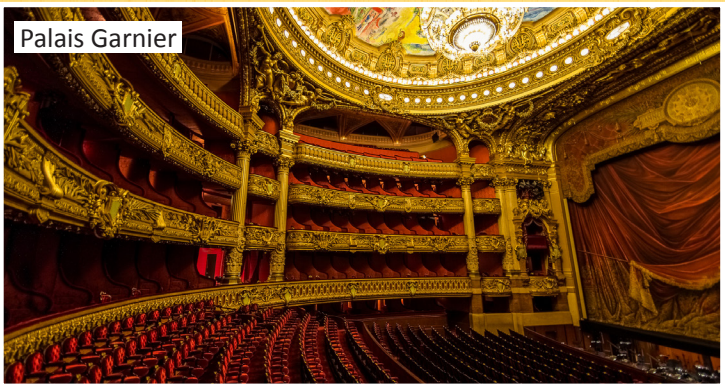


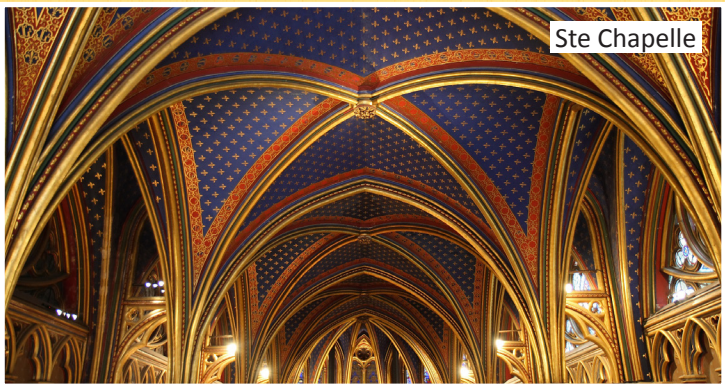




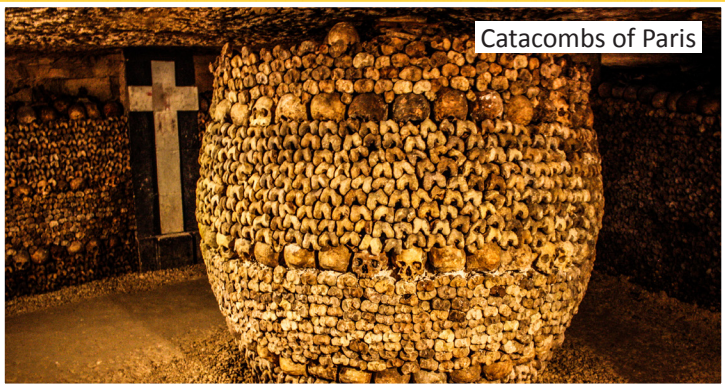












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Scientific Program

10th International Conference on

AGRICULTURE & HORTICULTURE

&

International Congress on

ORGANIC FARMING

October 02-04, 2017 London, UK



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Registrations

Wright

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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 13:00-14:00 @ RBG

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

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

Bookmark your dates

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and

16th Euro Global Summit on Food & Beverages

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Day 1 March 2, 2017

Registrations

Meeting Place 4&5

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Opening Ceremony

Keynote Forum

Introduction

Title: Multi-stakeholder approach in reducing global food loss

Prasanta k Kalita, University of Illinois, USA

Title: Individual microbial risks evaluation: A three- dimensional model to assist consumer in their food safety decision making processes

Aleardo Zaccheo, Bioethica Food Safety Engineering, Switzerland

Group Photograph

Coffee Break

Title: SAAT: Silicic acid agro technology / the use of silicic acid in agriculture

Henk-Maarten Laane, ReXil Agro BV, Netherlands

Title: Prospects of different sources of silicon in agricultural and horticultural crops

Prakash Nagabovanalli B, University of Agricultural Sciences, India

Symposium

Title: Bacteriophages for healthier foods: Safety by nature

Alexander Sulakvelidze, Intralytix Inc., USA

Title: Bacteriophage biocontrol as a food safety measure in both human and pet foods

Joelle Woolston, Intralytix Inc., USA

Title: Stabilization of bacteriophage for military and civilian applications

Andre Senecal, US Army, USA

Lunch Break

Oral Session 1

Plant Science & Soil Science | Crop Sciences & Organic Agriculture | Agricultural Extension & Education | Fertilizers & Chemicals | Poultry Farming | Greenhouse & Horticulture | Irrigation & Germplasm Conservation

Session Chair: Beatrice, Berger Leibniz Institute of Vegetable and Ornamental Crops, Germany

Session Co-chair: Liang Chen, Chinese Academy of Agricultural Sciences, China

Title: A high density genetic map for underlying the QTLs associated with the main quality and functional components such as catechins, caffeine in tea plant (*Camellia sinensis*)

Liang Chen, Chinese Academy of Agricultural Sciences, China

Title: Managing western flower thrips by the use of biocontrol agents in conventional and solar greenhouses

Poonam Singh, Assiniboine Community College, Canada

Title: Complex compost in its function as a multiphase disperse system of different production wastes

Ivan S. Belyuchenko, Kuban State Agrarian University, Russian Federation

Title: Harnessing plant growth-Promoting bacteria for sustainable agriculture

Beatrice Berger, Leibniz Institute of Vegetable and Ornamental Crops, Germany

Title: Refining and bran grinding levels of wheat flours, besides baking properties, affect tensile characteristics of derived bioplastics

Paolo Benincasa, University of Perugia, Italy

Title: Water stress estimation system Using thermography with a smartphone

Sosuke Mieno, National Institute of Technology, Toba College, Japan

Oral Session 2

Food & Beverages | Beverage Processing | Food Quality, Safety & Preservation | Food Supply Chain & Distribution Systems | Food Nanotechnology

Session Chair: Alexander Sirotkin, University of Constantine the Philosopher, Slovakia

Session Co-chair: Jordane Jasniewski, University of Lorraine, France

Title: A study of anthocyanin extraction methods from high anthocyanin purple corn cob hybrid: KPSC 901, and application of the extract powder

Withida Chantrapornchai, Kasetsart University, Thailand

Title: Brewing process of traditional alcoholic beverages and patterns of drinking in Nepal

Y**ui Sunano,** Nagoya University, Japan

Coffee Break

Title: Evaluation of pinhao (*Araucaria angustifolia*) seed coat as source of total polyphenols, antioxidant, antimicrobial and allelochemical agents

Voltaire Santanna, University of Rio Grande do Sul, Brazil

Title: Bread incorporated with grape marc powder: Product characteristics, antioxidant and sensorial analysis

Luis Fernando Schoretter da Silva, University of Rio Grande do Sul, Brazil

Title: Antioxidant properties of phenolic extracts and muffins enriched with date fiber concentrates obtained from date fruits (*Phoenix dactylifera L.*) hydrothermally treated

Guillermo Rodriguez Gutierrez, Spanish National Research Council, Spain

Special Session

Title: Food, drink and medical plants can affect female reproductive functions

Alexander V. Sirotkin, Constantine the Philosopher University, Slovakia

Day 2 March 3, 2017

Keynote Forum

Title: Combination of mathematical algorithms and laser applications: A reliable way to control the food quality

Jose S. Torrecilla, Complutense University of Madrid, Spain

Title: Phage antimicrobials, Promises and challenges

Zeinab Hosseini-Doust, McMaster University, Canada

Coffee Break

Title: Biotechnology innovation in biological control of plant diseases

Ilan Chet, Hebrew University of Jerusalem, Israel

Title: Complex societal agriculture problems

Dorien De Tombe, International Research Society on Methodology of Societal Complexity, Netherlands

Special Session

Title: Nutritional quality of dried vegetables and vegetable soups

Christian Grun, Unilever, Netherlands

Special Session

Title: Chlorantraniliprole 0.4 GR – featuring a novel mode of action against grape stem borer, *Celosterna scrabrator*

D. N. Kambrekar, University of Agricultural Sciences, India

Lunch Break

Workshop

Title: Effect of the incorporation of dried grape marc into wheat flour

Voltaire Santanna, University of Rio Grande do Sul, Brazil

Luis Fernando Schoretter da Silva, University of Rio Grande do Sul, Brazil

Oral Session 3

Food Processing | Food and Health | Bioprocess Engineering & Fermentation Technology | European Food and Beverage Sector | Food Biotechnology

Session Chair: Guillermo Rodriguez Gutierrez, Spanish National Research Council, Spain

Session Co-chair: Evzen Sarka, University of Chemistry and Technology, Czech Republic

Title: Changes in the availability of nutrients and anti nutrients with simple processing methods
Jagriti Sharma, Talking Rain Beverage Company, USA
Title: Development of fruit jelly containing pomegranate juice and pomegranate peel extract
Hathairat Rimkeeree, Kasetsart University, Thailand
Title: Slowly digestible and resistant starches in food and their role in nutrition
Evzen Sarka, UCT Prague, Czech Republic
Title: Novel phenolic derivatives of pectin: enzymatic synthesis and properties
Jordane Jasniewski, University of Lorraine, France

Coffee Break

Poster Presentation

Oral Session 4

Sustainable Agriculture | Agro-ecology & Bioenergy | Forestry & Global Climate Change | Bio Based Materials |Rice Research | Types of Agriculture | Natural Resources Management

Session Chair: Ilan Chet, Hebrew University of Jerusalem, Israel

Session Co-chair: Feibo Wu, Zhejiang University, China

Title: Comparison of allelopathic activity of some edible mushroom and wild mushroom in Japan
Asma Osivand, Tokyo University of Agriculture and Technology, Japan
Title: Marker-trait association analysis for grain calcium content in global collection of finger millet genotypes
Shambhavi Yadav, University of Agriculture and Technology, India
Title: Organic agriculture as a form of sustainable farming and public perception
Abdirashid Elmi, Kuwait University, Kuwait
Title: Effects of humic acid on nitrogen contents of wheat plant
Metin Turan, Yeditepe University, Turkey
Title: Tolerance to combined stress of drought and salinity in Tibetan wild barley
Feibo Wu, Zhejiang University, China

Day 3 March 4, 2017

Oral Session 5

Nutrition & Nutritional Disorder Management | Recent Trends in Food & Beverages | Beverage Industry Safety and Ethics | IPR in Food Industry

Session Chair: Voltaire Santanna, University of Sao Paulo, Brazil

Session Co-chair: Abdel Halim Harrath, King Saud University, Saudi Arabia

Title: Synthesis of caprylins through the esterification of glycerol with caprylic acid by using immobilized lipase
Michele Vitolo, University of Sao Paulo, Brazil

Coffee Break

Title: Effect of maternal food restriction on the folliculogenesis and steroidogenesis in female rat offspring
Abdel Halim Harrath, King Saud University, Saudi Arabia
Title: Using fish sauce as a substitute for sodium chloride in culinary sauces and effects on sensory properties
See Wan Yan, Taylor's University, Malaysia

Young Research Forum

Title: Structure and gelation properties of casein micelles doped with curcumin under acidic conditions
Aya N. Khanji, Universite de Lorraine, France
Title: Water absorption behavior of barley seed cells is affected by ultrasonic waves
Meisam Nazari, Georg-August University of Gottingen, Germany
Title: Protein content in common bean row seeds in relation to a* and b* dimensions of the L*a*b* color space
Monika Vidak, University of Zagreb, Croatia
Title: Influence of stable and abusive temperatures on lipid deterioration of atlantic herring (*Clupea harengus*) light and dark muscle during long-term frozen storage.
Dang Thi Thu Huong, University of Iceland, Iceland
Title: Effect of non-thermal plasma on physico-chemical, functional and rheological properties of rice starch
Rohit Thirumdas, Institute of Chemical Technology, India

Lunch Break

Title: A novel salt substitute containing amino acid & low-sodium processed meat
Yu-Xia Zhu, Nanjing Agricultural University, China
Title: Fast identification of new rice and stored rice by laser-induced breakdown spectroscopy
Xiao-Lan Yu, Zhejiang University, China
Title: Development and technofunctional-sensory characterization of virtually TFA free deep-frying fats for bakery products
Sybille Merkle, Hamburg University of Applied Sciences, Germany
Title: Effect of different strawberry varieties on the nectar quality
Najat Belhadj, Abdelmalek Essaâdi University, Morocco

Video Presentation

Tittle:Evaluation of the physicochemical properties, proximate compositions and antinutrients of bambara nut used for energy bar production
Ngozika C. Okechukwu Ezike, Imo State University, Nigeria

Coffee Break

Closing Ceremony



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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

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

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

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

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

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

Poster Session @ Foyer

Day 3 June 29, 2016

Networking & Lunch

Poster Presentations

Title: Elucidation of the biochemical and functional properties of an unknown novel protein from Arabidopsis thaliana
Katlego Sehlabane Abotseng, Northwest University, South Africa
Title: Ovine herpesvirus 2 (OvHV-2), is the causative agent of sheep-associated malignant catarrhal fever
Fulufhelo Amanda Doboro, Agricultural Research Council, South Africa
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
Title: Subsequent effects of vermicomposts from kitchen biowaste on properties of soil and plants
Ales Hanc, University of Life Sciences, Czech Republic
Title: Working conditions and health of workers in Ethiopian flower farms
Vegard Mjelde Hanssen, University of Bergen, Norway
Title: A Comparison of post-emergence applications of herbicides for control of weeds In Kenyan sugarcane fields
Riungu Ginson, KALRO-SRI, Kenya
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
Title: Combining ability for grain yield and physiological maturity in early generation Inbred lines of Maize
Zibandeh Dehghanpour, Seed and Plant Improvement Institute, Iran
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



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