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Advances in Crop Science and Technology

Proceedings of

11th World Congress on

Plant Biotechnology & Agriculture

March 05-07, 2018 Paris, France



Kemp House, 152 City Road, London EC1V 2NX, UK

Toll Free: +1-800-014-8923

Email: events@conferenceseries.com

Day 1 March 05, 2018

09:00-09:30 Registrations

Conference Hall: Buttes Chaumont

conference**series**.com 09:30-10:00

Opening Ceremony

Keynote Forum

10:00-10:40 **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(French National Institute for Agricultural Research), France

Networking and Refreshments Break 10:40-11:00 @ Common Area

11:00-11:40 **Title: Using decision trees for variety selection**
Jerry Johnson, Colorado State University, USA

11:40-12:20 **Title: Global research ensuing in an invention for comprehensive control of coccidiosis in poultry**
Elie K Barbour, King Abdulaziz University, KSA

Sessions: Sustainable Agriculture | Agricultural Biotechnology & Agro-forestry | Plant Science & Weed Science | Plant Biotechnology | Food Value Chains | Crop Protection and Awareness

Session Chair: Jean-Francois Hocquette, INRA(French National Institute for Agricultural Research), France

Session Chair: Jerry Johnson, Colorado State University, USA

Session Introduction

12:20-12:50 **Title: Complexity in the global agricultural system – Threats to human development and opportunities for science**
Roberto Pasqualino, Anglia Ruskin University, UK

Group Photo

Lunch Break 12:50-13:50 @ Restaurant

13:50-14:20 **Title: The law of the field crop performance (agrophytocenosis) productivity – The key to the future of agriculture**
Petras Lazauskas, Aleksandras Stulginskis University, Lithuania

14:20-14:50 **Title: Development and results of agroforestry in Chile: A way to connect forest and agriculture**
Alvaro Sotomayor, Forest Research Institute, Chile

14:50-15:20 **Title: From farm to table: Rice quantitative value chain in Malawi**
Sangwani Gondwe Makoko, African Institute of Corporate Citizenship, Malawi

15:20-15:50 **Title: Mapping and analysing value chain of rice crop in Ayeyarwady region**
Thuzar Linn, Ghent University, Belgium

Networking & Refreshments Break 15:50-16:10 @ Common Area

16:10-16:40 **Title: Farmer's decision making toolbox for *Plutella xylostella* (L.) (Lepidoptera: Plutellidae) management on fresh market cabbage**
Mxolisi A Stemele, Fort Hare University, South Africa

16:40-17:10 **Title: The role of the harvester ants, *Messor ebeninus* and *M. arenarius*, in rehabilitation and sustainable cultivation of degraded arid lands, the Northern Negev, a case study**
Amir Mor-Mussery, Hebrew University, Israel

Panel Discussion

Day 2 March 06, 2018

Conference Hall: Buttes Chaumont

Keynote Forum

10:00-10:40 **Title: How to address sustainability in agriculture ?**
Fabienne Trolard, INRA-UAPV, UMR EMMAH, France

Networking & Refreshments Break 10:40-11:00 @ Common Area

11:00-11:40 **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

11:40-12:20	Title: Horticultural exports from developing to developed countries: Case of Latin American competition for the US market Jaime Malaga , Texas Tech University, USA
Sessions: Rice & Wheat Research Plant Biotechnology Plant Pathology Entomology	
Session Chair: John Jemison , University of Maine, USA	
Session Chair: Alvaro Sotomayor , Forest Research Institute, Chile	
Session Introduction	
12:20-12:50	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
Lunch Break 12:50-13:50 @ Restaurant	
13:50-14:20	Title: Protein baits, volatile compounds and irradiation influence expression profiling of odorant-binding protein genes in <i>Bactrocera dorsalis</i> (Diptera: Tephritidae) Atif Idrees , Fujian Agriculture and Forestry University, China
14:20-14:50	Title: Strategies for haploid plant production: Experiences from sunflower Yildiz Aydin , Marmara University, Turkey
14:50-15:20	Title: The use of DNA markers in plant breeding for disease resistance: From PCR-based approaches to allele specific markers Ahu Altinkut Uncuoglu , Marmara University, Turkey
15:20-15:50	Title: Relationship between physiological traits and grain yield in wheat (<i>Triticum aestivum</i> L.) under heat-stress environments Pooran Chand , Sardar Vallabhbhai Patel University of Agriculture & Technology, India
Networking & Refreshments Break 15:50-16:10 @ Common Area	
Poster Presentations 16:10-17:10 @ Meeting rooms	
P 01	Title: Impact of treated wastewater on the biochemical quality of medicinal plant parsley "<i>Petroselinum crispum</i>" in the region of Annaba (East- Algerian) Fatiha Bekhouche , Badji Mokhtar University, Algeria
P 02	Title: Potential of peptone broth to inhibit <i>Striga hermonthica</i> germination in Pot experiments Faris Ibrahim , University of Khartoum, Sudan
P 03	Title: Loss-of function of SPFF, a novel receptor-like kinase, induces parthenocarpy in tomato Hitomi Takei , University of Tsukuba, Japan
P 04	Title: Assessment of candidate DNA Barcoding loci for phylogenetic relationships among <i>Triticum</i> species Gi-An Lee , National Agrobiodiversity Center, Republic of Korea
P 05	Title: Genetic diversity and population structure of potato (<i>Solanum tuberosum</i> L.) collection in Republic of Korea Kyung Ho Ma , National Agrobiodiversity Center, Republic of Korea
P 06	Title: Integrated germplasm management system for sustainable use of the genetic resources Sun-Young Lee , National Agrobiodiversity Center, Republic of Korea
P 07	Title: Local and global implications of ecosystem restoration of degraded arid farmland Amir Mor Mussery , Hebrew University, Israel
P 08	Title: Production of LAB bacteriocin in MRS medium and in a natural cereal medium with potential application in the food industry Ariana Macieira , Catholic University of Portugal, Portugal
Panel Discussion	
Day 3 March 07, 2018	
Conference Hall: Buttes Chaumont	
Sessions: Organic Farming Rice & Wheat Research	
Session Chair: Fabienne Trolard , INRA-UAPV, UMR EMMAH, France	
Session Chair: Pooran Chand , Sardar Vallabhbhai Patel University of Agriculture & Technology, India	
10:00-10:30	Title: 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
10:30-11:00	Title: Molecular characterization of rice (<i>Oryza sativa</i> L.) germplasm using SSR marker Pooran Chand , Sardar Vallabhbhai Patel University of Agriculture & Technology, India
Networking & Refreshments Break 11:00-11:20 @ Common Area	

Young Research Forum

Sessions: Agriculture Engineering & Its Applications | Agricultural Biotechnology & Agro-forestry | Plant Diversity, Conservation and Use | Post-Harvest Technology | Plant Biotechnology | Food and Nutrients

- 11:20-11:45 **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
- 11:45-12:10 **Title: Impact of dehydration by successive pressure drops on the final characteristics specialty coffee**
Francy Alejandra Vanegas Izquierdo, National University of Colombia, Colombia
- 12:10-12:35 **Title: Consequences of divergent vase solutions on post-harvest durability and quality of *Heliconia* inflorescences**
Moumita Malakar, University of Calcutta, India

Lunch Break 12:35-13:15 @ Restaurant

- 13:15-13:40 **Title: Mutated and wild type *Gossypium* Universal Stress Protein-2 (GUSP-2) gene confers resistance to stresses in *Escherichia coli*, *Pichia pastoris* and cotton plant**
Muhammd Nadeem Hafeez, Center for Excellence in Molecular Biology (CEMB), Pakistan
- 13:40-14:05 **Title: Molecular characterization of ten *Heliconia* (Heliconiaceae) genotypes by means of RAPD markers**
Moumita Malakar, University of Calcutta, India
- 14:05-14:30 **Title: Nutritional, physicochemical properties and shelf life of crackers based on cladode flour of *Opuntia ficus indica***
Bouchra Nabil, Cadi Ayyad University, Morocco
- 14:30-14:55 **Title: Enthalpy-entropy compensation analysis of the powder of *Taraxacum Officinale*'s leaves in moisture sorption phenomena**
Haytem Moussaoui, Cadi Ayyad University, Morocco

Panel Discussion and Award Ceremony

Networking & Refreshments Break 15:10-15:20 @ Common Area



UPCOMING CONFERENCES

European Aqua Congress

June 18-19, 2018 Paris, France | W: euroaquacongress.conferenceseries.com

World Food Science and Technology Congress

June 11-12, 2018 Greece, Athenes | W: foodsciencecongress.conferenceseries.com