

Scientific Program

13th International Conference on **Agriculture & Horticulture**

September 10-12, 2018 | Zürich, Switzerland

UK: Conference Series llc LTD

47 Churchfield Road, London, W3 6AY

Toll Free: +0-800-014-8923



DAY-1

September 10, 2018

Meeting Hall: Rome AB

08:30 - 09:00 Registrations

Opening Ceremony 09:00-09:30

KEYNOTE FORUM

- 09:30-10:10 **Title: Improving crop production in developing countries**
Mohammad Babadoost, University of Illinois, USA
- 10:10-10:50 **Title: Adaptive but static: Seed yield responses of creeping red fescue (*Festuca rubra* L. ssp. *rubra*) to environmental and management factors in the peace river region of western Canada**
Nityananda Khanal, Agriculture and Agri-Food Canada, Canada

GROUP PHOTO

Networking & Refreshments 10:50-11:10 @ Europa Foyer

- 11:10 -11: 50 **Title: Strategies to improve tolerance to abiotic stress in legumes**
Jose J Pueyo, Institute of Agricultural Sciences, CSIC, Spain
- 11:50 -12: 30 **Title: Quantifying and correcting for clay content effects on soil water measurement by reflectometers**
Daran Rudnick, University of Nebraska-Lincoln, USA

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

Chair: Nityananda Khanal, Agriculture and Agri-Food Canada, Canada

Chair: Jose J Pueyo, Institute of Agricultural Sciences, CSIC, Spain

INTRODUCTION

- 12:30 -13:00 **Title: Florida-friendly landscaping™: A grass-roots horticulture program that promotes urban environmental stewardship**
Susan Haddock, University of Florida/Institute of Food and Agricultural Sciences, USA

Lunch Break 13:00-14:00 @ La Place AB

- 14:00 -14:30 **Title: Modern techniques for walnut propagation**
Stefan Ivanov Gande, Fruit-Growing Institute, Bulgaria
- 14:30 -15:00 **Title: Changes in soil carbon content in a chronosquence of transformation from cocoa to pastureland in Southeast Mexico**
Eduardo Valdes Velarde, Chapingo Autonomous University, Mexico

15:00 -15:30 **Title:** 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

15:30 -16:00 **Title:** Effectiveness of dissemination methods and factors that influence farmer adoption to citrus gerga lebung technology in Bengkulu Indonesia
Umi Pudji Astuti, Indonesian Agency for Agricultural Research and Development (IAARD), Indonesia

Networking & Refreshments 16:00-16:20 @ Europa Foyer

16:20 -16:50 **Title:** Chemical control of bacterial leaf spot, *Cercospora* leaf spot and dieback of Chilli vis-à-vis weather factors on disease severity
Srikanta Das, Bidhan Chandra Krishi Viswavidyalaya, India

16:50 -17:20 **Title:** Superiority of Japanese taro (Satoimo) (*Colocasia esculenta var antiquorum*) as Germplasm Indonesia
Heni Purwaningsih, Yogyakarta Assessment Institute of Agriculture Technology, Indonesia

17:20 -17:50 **Title:** 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 Monica Aviles, Autonomous University of Baja California, Mexico

Panel Discussion

DAY-2

September 11, 2018
Meeting Hall: **Rome AB**

KEYNOTE FORUM

10:00-10:40 **Title:** Sewage water effects on Okra (*Abelmoschus esculentus*) growth affected by organic matter, and *Pseudomonas fluorescens*
Abdul Khalil Gardezi, Postgraduate College in Agriculture Science, Mexico

Sessions: Plant Science | Agricultural Production Systems | Agricultural Biotechnology | Fertilizer & Pesticide | Crop Sciences | Soil & Water Management

Chair: Abdul Khalil Gardezi, Postgraduate College in Agriculture Science, Mexico
Co-Chair: Huajun Wang, Gansu Agricultural University, China

INTRODUCTION

10:40-11:10 **Title:** Study on salt tolerance mechanisms of *Halogeton glomeratus* and identification of genes for drought resistance and salt tolerance
Huajun Wang, Gansu Agricultural University, China

GROUP PHOTO

Networking & Refreshments 11:10-11:30 @ Foyer

- 11:30-12:00** **Title:** Increasing cocoa yield through comprehensive good agricultural practices in cocoa (*Theobroma cacao* L.) cultivation
Rozita Osman, Malaysian Cocoa Board, Malaysia

YOUNG RESEARCH FORUM

- 12:00-12:20** **Title:** Effects of day length on mineral concentration, chlorophyll content and yield of kale microgreens
Mahya Tavan, University of Melbourne, Australia
- 12:20-12:40** **Title:** The effect of BC204, a plant bio-stimulant on the growth of *A. thaliana* and *S. lycopersicon*
Johannes Loubser, Stellenbosch University, South Africa
- 12:40-13:00** **Title:** Morphological and Molecular characterization with nutraceutical value of genetically genuine Nanjanagud Rasabale (*Syn 'Rasthal' Musa, AAB, Silk sub-group*)
Arti Karosiya, University of Horticultural Sciences Bagalkot, India

Lunch Break 13:00-14:00 @ La Place AB

- 14:00-14:20** **Title:** Farmers' indigenous knowledge to adapt to floods in An Giang province, Vietnam
Pham Xuan Phu, An Giang University, Vietnam
- 14:20-14:40** **Title:** Characterization of cytoplasmic male sterile lines of *Brassica oleracea* var. *botrytis* using mitochondrial-DNA specific markers
Saurabh Singh, ICAR-Indian Agricultural Research Institute (IARI), New Delhi, India
- 14:40-15:00** **Title:** Effects of landscape and species on chemical composition and *In vitro* ruminal dry matter degradability of *Acacia nilotica* and *Maytenus heterophylla* leaves harvested during winter season
Mzuyanda Vela, University of Fort Hare, South Africa
- 15:00-15:20** **Title:** Climate change and agricultural production nexus in Sub-Sahara African emerging countries: Sustainable development goals exacerbators
Ebenezer Ababio Tetteh, Jiangsu University, China
- 15:20-15:40** **Title:** The fabrication and evaluation of novel slow release agrichemicals for improving nitrogen uptake
Ian Levett, The University of Queensland, Australia

Networking & Refreshments 15:40-16:00 @ Europa Foyer

POSTER PRESENTATIONS 16:00–18:00 @ EUROPA FOYER

- AH-101** **Title:** Effects of waterlogging stress on growth and physiological indexes on different melon seedlings
Chen Youyuan, Shanghai Academy of Agricultural Sciences, China
- AH-102** **Title:** 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

- AH-103** **Title: A new resistant and quality watermelon cultivar 'Shenxuan 958'**
Gu Weihong, Shanghai Academy of Agricultural Sciences, China
- AH-104** **Title: Distribution and taxonomic composition of Rosacea family genus and species in Azerbaijan Dendroflora in natural and cultural conditions**
Mammadov Tofiq Sadiq, Institute of Dendrology of Azerbaijan National Academy of Sciences, Azerbaijan
- AH-105** **Title: Effects of low light on photosynthetic properties, antioxidant enzyme activity and anthocyanin accumulation in purple Pakchoi**
Hongfang Zhu, Shanghai Academy of Agricultural Sciences, China
- AH-106** **Title: Identification and diversity of the causal organism of shot hole disease of stone fruits in Korea**
Chang Gi Back, RDA National Institute of Horticultural & Herbal Science, South Korea
- AH-107** **Title: Effects of spermidine on photosynthesis, antioxidant enzyme activity and gene expression in melon under chilling stress**
Zhang Yongping, Shanghai Academy of Agricultural Sciences, China
- AH-108** **Title: Effects of water stresses on the growth of *Miscanthus sacchariflorus* 'Geodea-Uksae 1' during reproductive growth stage**
Ji Eun Lee, Bioenergy Crop Research Institute - NICS, South Korea
- AH-109** **Title: Spatiotemporal distribution of photosynthesis: Evaluation in a strawberry greenhouse under CO₂ enrichment**
Kensuke Kimura, Kyushu University, Japan
- AH-110** **Title: Incidence of clubroot in Shanghai and effect of exogenous salicylic acid on seedling growth, physiological characteristics and resistance-clubroot (*Plasmodiophora brassicae*) in Pakchoi (*Brassica campestris* ssp. *chinensis* Makino)**
Yuying Zhu, Shanghai Academy of Agricultural Sciences, China
- AH-111** **Title: Synthesis of resveratrol dimer catalyzed by grapevine peroxidases**
Sung Chul Park, Korea Research Institute of Bioscience and Biotechnology, South Korea
- AH-112** **Title: Suppression of clubroot (*Plasmodiophora brassicae*) development in *Brassica campestris* ssp. *chinensis* L. via exogenous inoculation of *Piriformospora indica***
Muhammad Khalid, Shanghai Jiao Tong University, China
- AH-113** **Title: Quality characteristics of sweet potato varieties according to storage conditions**
Gyeong Dan Yu, National Institute of Crop Science, South Korea
- AH-114** **Title: Indoor lettuce growing on renewable forest soil**
Barnabás Kovács, University of Pannonia, Hungary
- AH-115** **Title: Combinational application of methyl jasmonate and a solubilizing agent enhances stilbene production in cell cultures of *Vitis vinifera***
Yu Jeong Jeong, Korea Research Institute of Bioscience and Biotechnology, South Korea

AH-116

Title: Carbohydrate recovery in grass species under two defoliation frequencies determined by thermal time

Iván Calvache, Universidad Austral de Chile, Chile

PANEL DISCUSSION

Awards & Closing Ceremony

DAY-3

September 12, 2018

Networking Lunch 13:00-14:00 @ La Place AB



Bookmark your Dates

14th International Conference on

Agriculture & Horticulture

August 15-16, 2019 | Rome, Italy

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