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Scientific Program

13th International Conference on

AGRICULTURE & HORTICULTURE

September 10-12, 2018 Zurich, Switzerland



Conference Series LLC LTD

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	Day 1 (September 10, 2018)
08:30 - 09:00	**Registrations**
	Rome AB
09:00-09:15	**Opening Ceremony**
09:15 -09:30	**Introduction**
	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 & Refreshment Break 10:50 - 11:10 @ Europa Foyer
11:10 -11: 50	**Title: Strategies to improve tolerance to abiotic stress in legumes** **Jose 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
	Oral Session: Agricultural Engineering | Agriculture & Food Security | Plant Science | Agricultural Production Systems | Fertilizer & Pesticide | Crop Sciences | Soil & Water Management **Session Chair: Nityananda Khanal,** Agriculture and Agri-Food Canada, Canada **Session Co-chair: Jose Pueyo,** Institute of Agricultural Sciences, CSIC, Spain
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 Gandev,** 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 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
	Networking & Refreshment Break 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 a 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
Session Adjournment

Day 2 (September 11, 2018)

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

Oral Session: Plant Science | Agricultural Production Systems | Agricultural Biotechnology | Fertilizer & Pesticide | Crop Sciences | Soil & Water Management
Session Chair: Abdul Khalil Gardezi, Postgraduate College in Agriculture Science, Mexico
Session Co-chair: Huajun Wang, Gansu Agricultural University, China

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 & Refreshment Break 11:10-11:30 @ Europa 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 **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 **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 febrication and evalution of novel slow release agrichemicals for improving nitrogrn uptake**

Ian Levett, The University of Queensland, Australia

Networking & Refreshment Break 15:40-16:00 @ Europa Foyer

Poster Session @ Europa Foyer 16:00-18:00

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**

Tofig Mammadov, Institute of Dendrology NAS of Azerbaijan, Azerbaijan

AH-105 **Title: Effects of Low Light on Photosynthetic Properties, Antioxidant Enzyme Activity, and Anthocyanin Accumulation in Purple Pak-choi**

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 dInstitute 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 sweetpotato 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**

Barnabas Kovacs, 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 dInstitute 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

Session Adjournment

Day 3 (September 12, 2018)

B2B Meetings & Networking

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