Scientific Program



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1972nd Conference

13th International Conference on

Agriculture & Horticulture

September 10-12, 2018 | Zürich, Switzerland

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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

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 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, 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 evalution 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 CO_2 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 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

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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