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14th International Conference on Agriculture & Horticulture

August 15-16, 2019
Rome, Italy



SCIENTIFIC PROGRAM

DAY 1
Thursday 15th August

08:30-09:00 **Registrations**

09:00-09:30 **Introduction**

09:30-09:50 COFFEE BREAK

09:50-11:50 Meeting Hall 01 **KEYNOTE LECTURES**

11:50-13:10

MEETING HALL 01	MEETING HALL 02
Talks On: Agriculture Engineering	**Talks On:** Agriculture & Food Security
Bioinformation system	Food and nutrition security
Agricultural Advanced Machines	Innovative ways of feeding increasing population
Polymer in agriculture	Fermentation Technology and Cereals
Nanotechnology in agriculture	Food packaging

13:10-13:15 GROUP PHOTO

13:15-14:00 LUNCH BREAK

14:00-16:00

MEETING HALL 01	MEETING HALL 02
Talks On: Plant Science	**Talks On:** Sustainable agriculture
Plant science and natural products	Agribusiness
Plant genome sciences	Crop cultivation systems
Medicinal and aromatic plant sciences	Corporate farming
Plant tissue culture	Agricultural Biotechnology
Plant Biotechnology	GM crops
Agricultural Production Systems	Tissue culture

16:00-16:20 COFFEE BREAK

MEETING HALL 01 (16:20-17:00)	MEETING HALL 01 (17:00-18:00)
Young Researchers in Agriculture & Horticulture	Workshop

DAY 2
Friday 16th August

09:00-10:30 Meeting Hall 01 — **KEYNOTE LECTURES**

10:30-10:50 COFFEE BREAK

10:50-12:50

MEETING HALL 01	MEETING HALL 02
Talks On: Agriculture & Environment	**Talks On:** Agronomy & Crop Science
Forecasting in agriculture	Organic Farming
Global warming & agriculture	Seed technology
Climate change impacts on agriculture	Crop genetics and breeding
New crops for a new climate	Weed Science
Agroforestry & Landscaping	Rice research
Bonsai cultivation	Livestock/Animal Farming

12:50-13:35 LUNCH BREAK

13:35-15:55

MEETING HALL 01	MEETING HALL 02
Talks On: Crop Protection & Entomology	**Talks On:** Greenhouse & Horticulture
Insect Science	Greenhouse technology
Pest/Disease management, Integrated pest management	Fruit and vegetable breeding
Biological pest control	Food nutrients
Fertilizers & Pesticides	Food engineering
Biochemical pesticides	Food chemistry
biofertilizer technology	Food technology
Food Science	Food microbiology

15:55-16:15 COFFEE BREAK

MEETING HALL 01 (16:15-17:00)	MEETING HALL 01 (17:00-18:00)
Poster Presentations	Workshop

Organizing Committee Members



De Wrachien Daniele

State University of Milan

Italy



Gunnar Wingsle

Swedish University of

Agricultural Science, Sweden



Shinsuke Agehara

University of Florida

USA



Abbas Amini

Western Sydney University

Australia



Narendra Kumar Gontia

Junagadh Agricultural

University, India



Said Elshahat Abdallah

Kafrelsheikh University

Egypt



Featured Speakers

The role of UF/IFAS extension in tropical agriculture & horticulture
E. Vanessa Campoverde, University of Florida/ IFAS Extension, USA

Taxonomic study of bacterial pathogens associated with ornamental plants in Assam
Gaurav Phookan, Assam Agricultural University, India

Validation of agronomic UAV and field measurements for tomato varieties
Juan Enciso, Texas A&M AgriLife Research, USA

Highlight on the Parasitoids Species (Hymenoptera) of Important Crops Insect Pests in Malaysia
Salmah Yaakop, Universiti Kebangsaan Malaysia, Malaysia

Assessment of variability in morphological traits of apricot germplasm issued from various genetic and environmental resources in Morocco
Jamal Ayour, Avignon University, France

Radical scavenging activity of flavonoids increased by metal ions
Rui-Min Han, Renmin University of China, China

Cultivating Food Sovereignty and Political Agroecology in Philadelphia and Beyond: The Power of Policy Analysis
Hannah Kass, University of Pennsylvania, USA

Development of Rice for Unfavorable Ecosystems
Noraziyah Abd Aziz Shamsudin, Universiti Kebangsaan Malaysia, Malaysia

Regulations of serotonin and dopamine in the salivary glands of the red palm weevil, Ryhnchorphorus ferrugineus (Coleoptera: Dryophthoridae) during feeding and starvation
Nurul Wahida Othman, Universiti Kebangsaan Malaysia, Malaysia

Effects of spermidine on photosynthesis, antioxidant enzyme activity and gene expression in melon under chilling stress
Zhang Yongping, Shanghai Academy of Agricultural Sciences, China

Essential oil percentage of celery and parsley and their components as affected by method extraction
Mohammed Sayed Aly Mohammed, National Research Center, Egypt

Gender mainstreaming in rice production: A case study of rice-farmers in Adamawa state, Nigeria
Adewuyi Kolawole, Federal polytechnic

Physicochemical stability's exploration and microbiological quality's assessment of a processed soft cheese, type: Camembert, after storage for three weeks at different temperatures
Abdelmalek Meribai, Bordj Bou Arreridj University, Algeria

Assessing agro-climatological model of summer mungbean
M. A. K. Mian, Bangladesh Agricultural Research Institute

Speaker & Keynote Slots Available

Featured Speakers

Physiological tolerance and sustainability of invasive plants over native plants under salt-stress-conditions followed by dilution of saline irrigation
Qaiser Javed, Jiangsu university, China

Hybridity Testing of Tomato F1 progenies derived from parents with varying response to fruit quality and shelf life using SNPs
Michael Kwabena Osei, University of Ghana

An application on rice of reasonably using canopy temperature to improve the precision of water stress monitoring
Junzeng Xu, Hohai university, China

Short-term response of soil N_2O and CO_2 emissions and their global warming potentials to irrigation salinity
Qi Wei, Hohai university, China

Influence of beneficial microorganizms on the development of maize
Ernestas Zaleckas, Aleksandras Stulginskis university, Lithuania

New approach for production of volatile and acephenanthrylene constituents (anti-breast cancer) using biotic and abiotic elicitors in cell cultures of *Pimpinella anisum L.*
Nermeen M. Arafa, National Research Center, Egypt

Increasing cocoa yield through comprehensive good agricultural practices in cocoa (*Theobroma cacao L.*) cultivation
Dler Jalal Ramzan, University of Tikrit

Field evaluation and distribution uniformity of subsurface drip irrigation systems for half-high blueberry under different mulching practices
Lordwin Jeyakumar, Agri-Food Canada, Canada

Plant growth as an indicator for irrigation practices
Ziv Omer, Paskal Group Ltd. R&D Department, Maa'lot, Israel

Population dynamics of insect pests of *rabi* sorghum and their management through Eco friendly approaches
Shreeshail Karabhantanal, All India Coordinated Sorghum Improvement Project, India

Performance Evaluation of Improvised Organic Fertilizers in the Yield of Cash Crops: Its Economic Contribution to Farmers in Tawi-Tawi Province Southern Philippines
Edwin M. Puhagan, Tawi-Tawi Regional Agricultural College, Philippines

Agriculture and Horticulture is the basic need for the development of health, daily use of life, reduction in financial crises, poverty and hunger in the world
Muhammad Usman, Agricultural Research System

Influences of different storage conditions on postharvest quality of mango (*Mangifera indica L.* cv. Sein Ta Lone)
T. T. Soe, Yezin Agricultural University, Myanmar

SPEAKER & KEYNOTE SLOTS AVAILABLE

Featured Speakers

Evaluation of ecosystem services by paddy fields under different irrigation management in Taihu Lake region of China
Shihong Yang, Hohai University, China

Selective introgression lines-based QTL mapping and QTL-designed breeding in rice
Jianlong Xu, Chinese Academy of Agricultural Sciences, China

Impact of biologically synthesized silver nanoparticles on the growth and physiological responses in *Melissa officinalis L.*
Sedigheh Esmaeilzadeh Bahabadi, University of Zabol

Chemical spraying using unmanned aerial vehicle technology in wetland rice cultivation in Malaysia
Azmi Yahya, Universiti Putra Malaysia, Malaysia

Growth responses and recovery of invasive plants and native plants under salt stress and rewatering conditions
Ahmad Azeem, Jiangsu university, China

Influence of growth medium and soil amendment on seedling growth responses of African Star Apple (*Chrysophyllum albidum*)
Olubode Olusegun Olufemi, Federal University of Agriculture

Histopathological and biochemical response of selected maize cultivars to post flowering stalk rot in maize
Meena Shekhar, ICAR-National Bureau of Plant Genetic Resources, India

Assessment of cashew nuts production and marketing among producers in ugwolawo district, kogi state, Nigeria
Mary Agada, Federal University of Agriculture

Symbiont diversity of *Myzus persicae* complex
Marco A. Cabrera-Brandt, Universidad de Talca, Chile

Capabilities for use of improved Catfish production technologies among fish farmers in Delta State, Nigeria
Margaret Okeke, Chukwuemeka Odumegwu Ojukwu University Anambra State

Impact of shallow barrier isolation layer and vertical salinity difference on tomato water and salinity production function
Sheng Chen, Hohai university, China

Effect of calcium nitrate foliar spray on quality attributes of byadgi chilli (*Capsicum Annuum. l*) in a non-calcareous vertisol
Kavitha P Jadhav, University of Agricultural Sciences, India

Agricultural insurance policy: an effective tool for agricultural risk management and sustainable rural development in Benue state, Nigeria
Anonguku Iorfa, Federal University of Agriculture Makurdi

SPEAKER & KEYNOTE SLOTS AVAILABLE

Featured Speakers

Application of the evaporative fraction in estimating daily evapotranspiration based on hourly measurement in water-saving irrigated rice field
Xiaoyin Liu, Hohai University, China

The role of radio in enhancing agricultural development in tigray region: The case of radio dimtsi woyane in abreha we-atsbeha community
Tsigabu H/kiros, Aksum University, Ethiopia

Black cumin (*Nigella sativa L.*) response to PSB and date and plant density in dry farming systems in semiarid condition
Hamid Madani, Islamic Azad University

***In vitro* regeneration of *Anacardium occidentale* from shoot tip and basal part**
Bi Tra Jean-Innocent NANTI, PUniversité Nangui Abrogoua, Cote D'Ivoire

Soil salinity: a significant factor affecting soil nitrous oxide emissions
Yawei Li, Hohai university, China

Effect of Nursery management techniques on growth and health of boro rice seedlings at Baniyani, Jhapa, Nepal
Dipendra Prasad Kushawaha, Agriculture and Forestry University

Algerian fermented butter "*Smen/Dhan* ": lipolytic flora composition and comparative study of their lipase production
Farida BEKHOUCHE, University of Brothers Mentouri Constantine, Algeria

Maize Aphid and Their Associated Natural Enemies in Maize Based Cropping Pattern
Manoj Kumar Mahla, Maharana Pratap University of Agriculture and Technology, India

Determination of the storage effect on physico-chemical and micrbiologicalproperties of two traditional Smensamples produced from cow's milk Jijel (Algeria)
Malika Barkat, University of Brothers Mentouri Constantine, Algeria

Using aromatic plant essential oil and its constituents for the management of German cockroaches, Blatella germanica (Dictyoptera: Blattellidae)
Anil Chandra Neupane, National Pingtung University of Science and Technology, Taiwan

Effects of jaman seed and pomegranate peel extracts on physico-chemical and post-harvest qualities of chiku (*Manilkara zapota* L.) fruit during storage.
Shahzad Sabir, Mohaib ullah Lasbela University of Agriculture

The impact of agricultural trade on farmers livelihood
Imran Ulllah, Institute of Management Sciences

Tomato-Tef intercropping practice of farmers in Tahtay-Maichew woreda
Mebrahtu Gebremariam Gebretsadkan, Aksum University Shire Campus, Ethiopia

SPEAKER & KEYNOTE SLOTS AVAILABLE

Featured Speakers

Evaluating the chicken fillet corruption packaged with active coatings stored at the refrigerator temperature using bromothymol blue smart indicator
Bahareh Sotoudeh, Azad University

Effect Of *Trichoderma* Spp And Its Culture Filtrate Against *Botrytis Cinerea* Causal Agent Of Gray Mold
HAMMAD Massinissa, Agrocampus-Ouest / Université d'Angers, Algeria

Maize productivity as affected by nitrogen application and legume incorporation at earthen-up operation in semi-arid environment
A.G. Adesoji, Federal University

Thematic measures for reducing post-harvest losses of vegetable crops among farmers in Benue State, Nigeria
Evangeline Mbah, Federal University of Agriculture

Allelopathic potential of onion weed (*Asphodelus tenuifolius* Cav.) on growth and germination of mash bean (*Vigna mungo* L.)
Muhammad Jawad Bin Ashraf, University of Agriculture

Adaptation trails and economic value of malt barley (Hordeum disticho.) cultivars grown under rainfed condition in Hadiyya zone, Southern Ethiopia
Melaku Bonkola, Wachemo University, Ethiopia

Determination of the optimal harvesting stage of African nightshade (*Solanum* spp) seeds
Noella Andenyi Ekhuya, Jomo Kenyatta University of Agriculture and Technology, Kenya

Effect of symphytum officinale, cymbopogon citratus and allium sativum extracts on botrytis cinerea causal agent of grey mold of tomato
LOUANCHI Meriem, Agrocampus-Ouest / Université d'Angers, Algeria

Assessment of early maturity maize genotypes reaction to southern corn leaf blight in Iran
Majid Zamani, Seed and Plant Improvement Institute

Different tillage under semi-arid mediterranean conditions: relationship between soil organic carbon, total porosity, number of mycorrhizea spore and microbial co2 production of soil
Zeliha B. BARUT, Çukurova University, Turkey

Plant growth promoting rhizobacteria: Beneficial effects for healthy and sustainable agriculture
Pacôme A Noumavo, University of Abomey-Calavi, Benin

Relationship Between Population Dynamics of Oriental Fruit Flies and Biotic Factors In Different Year 2012 and 2017 in Yezin, Myanmar
Nwe Nwe Yin, Yezin Agricultural University, Myanmar

Maize aphid and their associated natural enemies in maize based cropping pattern
Manoj Kumar Mahla, MPUA&T, India

SPEAKER & KEYNOTE SLOTS AVAILABLE

Featured Speakers

Effect of guava wedge grafting on different diameters of rootstock under different growing conditions
Neha Sharma, CCS Haryana Agricultural University Hisar, India

A non-chemical approach for controlling Panama disease occurrence in Taiwan with the essential oil of Biden pilosa
Zhong-Bin Wu, National Taitung Jr. College, Taiwan

Effects of different fertilizers on growth, yield and root knot nematode (*Meloidogyne* spp) in Okra (Abelmoschus esculentus) under field condition in Summer Season in Chitwan, Nepal.
Subodh Raj Pandey, Agriculture and Forestry University

Morphologic and quality characteristics of cultivated einkorn wheat (*Triticum monococcum L* . subs. *monococcum*) lines sown in autumn and spring seasons
Servet Kefi, Kastamonu University, Turkey

First research on pests of Japanese quince (*Chaenomeles japonica*) in Latvia
Janis Gailis, Latvia University of Life Sciences and Technologies, Latvia

Genetic studies and diversity analysis of maize (*Zea mays* L.) inbred lines for Iron and Zinc biofortification
Janis Gailis, University of Sargodha

Legume cropping systems diversification and intensification for soil fertility improvement and family nutritional benefits
Joseph Blackwell C. Kalasa, University of Livingstonia

Screening of maize (*Zea mays* L.) inbred lines under different salinity levels at seedling stage
Maria Khan, University of Sargodha

Profitability of cabbage production and food security among cabbage farmers in northern Nigeria
Emmanuel OJOKO, Federal University Dutsin-Ma

QTL mapping of nitrogen deficiency tolerance by genome-wide association study approach in a nested association mapping (NAM) population of rice
Kai Chen, Chinese Academy of Agricultural Sciences, China

Farmers' indigenous knowledge to adapt to floods in an giang province, Vietnam
Pham Xuan Phu, An Giang University, Viet Nam

Improvement sweet basil productivity under salinity condition
Nermeen Shanan, Cairo University, Egypt

The impact of agriculture trade liberalisation on agriculturetotal factor productivity growth in Africa.
Regret Sunge, Great Zimbabwe University, Zimbabwe

Effect of the incorporation of Argania spinosa 's sub products diet on camel milk antioxidant activity and nutritional composition
Mercha Ikram, Hassan II University, Morocco

SPEAKER & KEYNOTE SLOTS AVAILABLE

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