

Scientific Program

5th International Conference on

Agriculture & Horticulture

June 27-29, 2016 Cape Town, South Africa



Hosting Organization: Conference Series LLC

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Scientific Program

Day 1

June 27, 2016

Central 1

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

Opening Ceremony

Keynote Forum

09:10 - 09:20 Introduction

09:30 - 10:00 Title: A transforming soil water retention technology that eradicates drought and increases crop resilience to changing climates

Alvin Smucker, Michigan State University, USA

10:00- 10:30 Title: Can novel management practice improves soil and environmental quality and sustains crop yield simultaneously

Upendra M Sainju, Northern Plains Agricultural Research Laboratory- USDA, USA

Networking & Refreshments Break: 10:30 - 10:45 @ Foyer

10:45- 11:15 Title: Impact of Climate Change on Agriculture: Should we be worried?

Mxolisi David Modise, University of South Africa, South Africa

Track 1: Global Warming & Agriculture

Track 2: Agricultural Biotechnology

Track 3: Engineering Inputs in Agriculture

Track 4: Soil Sciences

Track 5: Agronomy

Track 6: Horticulture

Track 7: Agriculture & Forestry- Utilization & Potential Applications

Track 8: Crop Sciences

Session Introduction

Session Chair: Alvin Smucker, Michigan State University, USA

Session Co-Chair: Upendra Sainju, Northern Plains Agricultural Research Laboratory- USDA, USA

11:15 - 11:35

Title: Food security through plant health management

Mahendra P Srivastava, CCS Haryana Agricultural University, India

11:35 - 11:55

Title: PGPR-ASDE-Plant growth promoting Rhizobacteria as alleviators for soil degradation

Metin Turan, Yeditepe University, Turkey

11:55 - 12:15

Title: Adaptation measures initiated due to climate change in southern India

Jagadeeshwara K, University of Agricultural Sciences, India

12:15 - 12:35

Title: Tissue Culture: A Boon for Agriculture

Shubhangi Salokhe, Symbiosis Institute of International Business, India

12:35 - 12:55

Title: Climate change status in mutale local municipality: A case study of smallholder farmers in Vhembe district, Limpopo province.

Phokele Maponya, Agricultural Research Council, South Africa

12:55 - 13:15

Title: An assessment of the on the on-the job level of satisfaction of extension officers in Limpopo province, South Africa – Ordinal regression approach

P K Chauke, University of Venda, South Africa

Lunch Break 13:15 - 14:15 @ Foyer

14:15 - 14:35

Title: The effects of harvesting methods of Shea fruit (*Vitellaria paradoxa*) on chemical and physical properties of Shea butter

Vadlya T Tame, Modibbo Adama University of Technology, Nigeria

14:35 - 14:55

Title: Factors enhancing market participation: A case of small holder farmers in Zululand district, KwaZulu Natal in South Africa

Phokele Maponya, Agricultural Research Council , South Africa

- 14:55 - 15:15 **Title: Evaluation of neem seed and ginger rhizome extracts in control of postharvest tuber rot fungi of Irish potato in Yola**
Hycenth Nahunnaro, Modibbo Adama University of Technology, Nigeria
- 15:15 - 15:35 **Title: Assessing the host range of Dodder (*Cuscuta campestris* Yunck) among crops in Adamawa State, Nigeria**
Aliyu Baworu Mustapha, Modibbo Adama University of Technology, Nigeria
- 15:35 - 15:55 **Title: Agrohhomeopathy: New practice in Agriculture from seed germination to field trial**
Sandhimita Mondal, Techno India University, India

Networking & Refreshments Break: 15:55-16:10 @ Foyer

Day 2 June 28, 2016

Central 1

Keynote Talk

- 09:00 - 09:30 **Title: Proposal of Regulations for Pot-Honey produced by four genera of Meliponini bees: Geotrigona, Melipona, Scaptotrigona, Tetragonisca in Ecuador**
Patricia Vit, Universidad de Los Andes, Venezuela
- 09:30 - 10:00 **Title: Enhanced tolerance of horticultural plants to abiotic and biotic stresses by silicon**
Byoung Ryong Jeong, Gyeongsang National University, South Korea

Networking & Refreshments Break: 10:00 - 10:15 @ Foyer

Track 9: Crop Protection & Awareness
Track 10: Agriculture Law & Policy
Track 11: Organic Agriculture
Track 12: Agricultural Extension & Sustaining Practices
Track 13: Livestock Farming & Genetic Engineering

Session Introduction

Session Chair: Byoung Ryong Jeong, Gyeongsang National University, South Korea

Session Co-Chair: Fhatuwani N Mudau, University of South Africa

- 10:15 - 10:35 **Title: Pesticides in management of plant diseases: Public perception and ground realities**
Mahendra P Srivastava, CCS Haryana Agricultural University, India
- 10:35 - 10:55 **Title: Particulate and active soil nitrogen fractions in response to sheep grazing in dryland cropping systems**
Upendra Sainju, Northern Plains Agricultural Research Laboratory- USDA, USA
- 10:55 - 11:15 **Title: Comparative analysis and Up-scaling of integrated farming systems among resource poor farmers in peninsular India**
Jagadeeshwara K, University of Agricultural Sciences, India
- 11:15 - 11:35 **Title: Agricultural policies and food system transformation: has post-apartheid South Africa done better?**
Sunday Yiseyon Hosu, University of Fort Hare, South Africa
- 11:35 - 11:55 **Title: Physiological and proteomic analyses in graft junction reveal novel insight into mechanisms involved in adaptation to different day/night temperature regimes in two tomato cultivars**
Byoung Ryong Jeong, Gyeongsang National University, South Korea
- 11:55 - 12:15 **Title: Identification and description of some common ornamental plant species at Ahmadu bello University Zaria, Nigeria**
Sani Yusuf Ahmad, Ahmadu Bello University, Nigeria
- 12:15 - 12:35 **Title: Influence of growth stage harvest on the quality of baby spinach during postharvest storage**
Fhatuwani N Mudau, University of South Africa, South Africa

Young Researcher Forum

Judge 1: Mahendra P Srivastava, CCS Haryana Agricultural University, India

Judge 2: Patricia Vit, Universidad de Los Andes, Venezuela

- 12:35 - 12:50 **Title: Does the modified atmosphere packaging (MAP) extend quality of baby spinach leaves on postharvest shelf life?**
Ambani Richardo Mudau, University of South Africa, South Africa
- 12:50 - 13:05 **Title: Bio Humic Application Effects on Soil Degredation**
Nurgul Kitir, Yeditepe University, Turkey
- 13:05 - 13:20 **Title: Irrigation water management and food security**
Ransford Opoku Darko, Jiangsu University, China

Lunch Break 13:20 - 14:20 @ Foyer

- 14:20- 14:35 **Title: Characterization of Monsonia burkeana leaf transcriptome**
Adugna A Woldesemayat, University of South Africa, South Africa
- 14:35 - 14:50 **Title: Ethyl methyl sulfonate (EMS) induced herbicide resistance in in vitro derived rice (*Oryza sativa* L.) calli**
Manaka Makgato, Agricultural Research Council, South Africa

- 14:50 - 15:05 **Title: Variation in antioxidant activity and soluble sugars of Wild ginger (*Siphonochilus aethiopicus* L.) in response to water and nitrogen levels**
 Ngoakoana Salmina Mokgehele, Agricultural Research Council, South Africa
- 15:05- 15:20 **Title: Development and performance testing of a passive vegetable dryer with movable heat storage system**
 Jacob Liberty, Federal University, Nigeria

Networking & Refreshments Break: 15:20 - 15:35 @ Foyer

Poster Session @ Foyer 12:00 - 14:00

Day 3 June 29, 2016

Networking & Lunch

Poster Presentations

- AH - 001** **Title: Elucidation of the biochemical and functional properties of an unknown novel protein from *Arabidopsis thaliana***
 Katlego Sehlabane Abotseng, Northwest University, South Africa
- AH - 002** **Title: Ovine herpesvirus 2 (OvHV-2), is the causative agent of sheep-associated malignant catarrhal fever**
 Fulufhelo Amanda Doboro, Agricultural Research Council, South Africa
- AH - 003** **Title: Study on reaction of late and moderately maturing maize hybrids and lines to *Fusarium* ear rot in Iran**
 Majid Zamani, Seed and Plant Improvement Institute, Iran
- AH - 004** **Title: Subsequent effects of vermicomposts from kitchen biowaste on properties of soil and plants**
 Ales Hanc, University of Life Sciences, Czech Republic
- AH - 005** **Title: Working conditions and health of workers in Ethiopian flower farms**
 Vegard Mjelde Hanssen, University of Bergen, Norway
- AH - 006** **Title: A Comparison of post-emergence applications of herbicides for control of weeds In Kenyan sugarcane fields**
 Riungu Ginso, KALRO-SRI, Kenya
- AH - 007** **Title: Influence of different oyster mushroom (*Pleurotus ostreatus*) substrates on the establishment and growth of three selected vegetables**
 Zuziwe Elander Nkosi, Agricultural Research Council, South Africa
- AH - 008** **Title: Combining ability for grain yield and physiological maturity in early generation Inbred lines of Maize**
 Zibandeh Dehghanpour, Seed and Plant Improvement Institute, Iran
- AH - 009** **Title: Effects of various hormonal treated plant substrates and their influence on the *Pleurotus ostreatus* development in the semi-arid regions**
 Sydwell M Sihlangu, Agricultural Research Council, South Africa



Bookmark your dates

8th International Conference on

Agriculture & Horticulture

April 10-12, 2017 Beijing, China

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