

Sustainable Agriculture & Food Systems Summit

Thursday
Sep 26, 2019

Scientific Program

08:15-09:15 Registrations

09:15-09:30 Opening Ceremony

TIME

TOPIC

SPEAKERS

Moderator : Update soon

Keynote Forum

09:30-10:00 Global Photosynthesis and Climate Change

Ulrich Kutschera,
University of Kassel, Germany

10:00-10:30

TBA

10:30- 11:00 Nitrogen (N) cycling controlling urease, nitrification, denitrification inhibitors and risk assessment

Gero Benckiser,
Justus Liebig University Giessen, Germany

Coffee Break 11:00 -11:15 @ Foyer

Sessions:

Agronomy and Crop Science

Session Chairs

11:15-11:35 15N Technique for Determining Nitrogen Uptake Efficiency in Different Agricultural Production Systems

Rao Mylavarapu,
University of Florida, USA

11:35-11:55 Comparison vegetation indices from different sensors for monitoring grain yield and yield related traits in maize (*Zea mays* L.)

Nataša Ljubičić, BioSense Institute,
University of Novi Sad, Serbia

11:55-12:15 Exogenous 5-aminolevulinic acid (ALA) improved root morphogenesis and Na⁺ subcellular distribution of cucumber seedlings under NaCl stress

Yue Wu,
Gansu Agricultural University, China

12:15-12:35 Alternative Compounds for Insect Repellency and Toxicity

Roger A Laine,
Louisiana State University, USA

12:35-12:55 Potentiality of Piperine extracted from *Piper nigrum* as sustainable seed sterilizer to control fungal infection in *Brassica nigra*

Moumita Gangopadhyay,
Adamas University, India

12:55-13:15 Roles of grassland in agriculture – food security and other ecosystem services

Fangming Xiao,
University of Idaho, USA

Group Photo

Lunch Break 13:15 -14:05 @ Restaurant

Tentative Scientific Program

Sessions:

Agricultural Production and Food Safety

- | | | |
|--------------------|---|---|
| 14:05-14:25 | The impact of glyphosate-resistant sugar beet | Don Morishita,
<i>University of Idaho, USA</i> |
| 14:25-14:45 | Barriers and enablers of the use of digital technologies in agriculture and food security in Mali | Amadou Sidibé,
<i>IPR-IFRA, Mali</i> |
| 14:45-15:05 | Roles of grassland in agriculture – food security and other ecosystem services | Goetz MichaelRichter,
<i>Rothamsted Research, UK</i> |
| 15:05-15:25 | Building resilience into agricultural systems in sub-Saharan Africa through improvement in soil structure | Samuel Eze,
<i>University of Leeds, UK</i> |
| 15:25-15:45 | Essential oil from <i>Curcuma longa</i> leaves: a effective by-product for myiasis control | Amanda Chaaban
<i>Federal Institute of Education Science and Technology of Santa Catarina, BRAZIL</i> |
| 15:45-16:05 | Phytoaccumulation of Copper from Irrigation Water and Its Effect on the Internal Structure of Lettuce | Safwan Shiyab,
<i>The University of Jordan, Jordan</i> |

Coffee Break 16:05 -16:20 @ Foyer

- | | | |
|-------------------------------------|--|--|
| 16:20-16:40 | Short- and long-term feeding trials with transgenic maize: GMO-tracing, effects on expression pattern in animal tissues, and risk assessment | Ralf Einspanier,
<i>Freie Universitaet Berlin, Germany</i> |
| 16:40-17:00 @ slot available | | |
| 17:00-17:20 | Integrating diversified farming and food systems: the case for underutilised crops | Maysoun Mustafa,
<i>Crops For the Future</i> |

17:20-17:40 @ slot available

Panel Discussions

Sustainable Agriculture & Food Systems Summit

Friday
Sep 27, 2019

Tentative Scientific Program

Keynote Forum

- 09:00-09:30** Sustainable agriculture, institutional innovations and gender
Bina Agarwal,
School of Environment, Education and Development, UK
- 09:30-10:00** Inoculation of *Prosopis laevigata* by ARBUSCULAR MYCORRHIZAL Fungi in two types of soil
Abdul Khalil Gardezi,
Posgrado en hidrociencias, Mexico

Sessions:

Agricultural Production and Food Safety Agribusiness

- 10:00-10:20** Identification of suitable animal welfare assessment measures for extensive beef systems in New Zealand
Y. Baby Kaurivi,
Massey University, New Zealand
- 10:20-10:40** The cryo-program at the International Potato Center (CIP): 2013 - now
Rainer Vollmer,
International Potato Center, Peru

Coffee Break 10:40 - 11:00 @ Foyer

- 11:00-11:20** A variable surface resistance approach to estimating maize actual evapotranspiration
José Chávez,
Colorado State University, USA
- 11:20-11:40** Estimating nitrogen status of table grapes through aerial multispectral imaging
Alireza Pourreza,
University of California, Davis, USA
- 11:40-12:00** The integration of sustainable and climate responsiveness practices into the agricultural curricula of South Africa
Wilma van Staden,
Rhodes University, South Africa
- 12:00-12:20** Changing agriculture in the andian countries: adaption to new challenges & global markets
Jaime Malaga,
Texas Tech University, USA
- 12:20-12:40** Film mulched furrow-ridge water harvesting planting improves agronomic productivity and water use efficiency in Rainfed Areas
Tinglu FAN,
Gansu Academy of Agricultural Sciences, China

12:40-13:00 @ slot available

Lunch Break 13:00 - 14:00 @ Restaurant

Tentative Scientific Program

Poster Presentations 14:00-14:40

Sessions:

Agricultural Economics and Informatics

- | | | |
|--------------------|--|---|
| 14:40-15:00 | Forage –Based Sustainable Year-Round Beef Production of High Quality Beef | Pat Bagley,
<i>Tennessee Tech University, USA</i> |
| 15:00-15:20 | TEKNOAX 2.0 will bring intelligence onto axles in agricultural trailers, enabling unique traceability, performance monitoring and condition based maintenance through a collaborative platform | Filippo Noris,
<i>ADR. S.p.A, Italy</i> |
| 15:20-15:40 | Spatial and Temporal Variation in Price Premiums for Organic Fresh Fruits and Vegetables | Metin Cakir,
<i>University of Minnesota, USA</i> |
| 15:40-16:00 | Developing of sunflower prebreeding resources by Genome-Wide Association Studies for agronomically important traits loci and cell technologies | Zhanna Mukhina,
<i>Agroplazma, Russia</i> |

Coffee Break 16:00 -16:15 @ Foyer

- | | | |
|--------------------|--|---|
| 16:15-16:35 | Bacillus thuringiensis Vip proteins – new perspectives in biological control of insect pests | Jakub Baranek,
<i>Adam Mickiewicz University, Poland</i> |
| 16:35-16:55 | "Sustainable Agronomic Strategies for Enhancing the Yield and Nutritional Quality of Wild Tomato, Solanum Lycopersicum (L) Var Cerasiforme Mill" | Chanthini Kanagaraj Muthu Pandian,
<i>Manonmaniam Sundaranar University, Tirunelveli, India</i> |
| 16:55-17:15 | A new paradigm for secure European food planning | Howard Lee,
<i>Hadlow College, UK</i> |

Panel Discussions

Sustainable Agriculture & Food Systems Summit

Saturday
Sep 28, 2019

Tentative Scientific Program

Sessions:

Crop, Livestock and Landscape Diversities

- | | | |
|-------------|---|---|
| 09:00-09:20 | Small scale farming sector in improving country's economy: A critical comparison of South African and India | Mfaniseni Wiseman Mbatha,
<i>Agricultural Economics and Informatics, South Africa</i> |
| 09:20-09:40 | Influence of three rates of salinity on okra plants (<i>Abelmoschus esculentus</i> L.) infected with root-knot nematode in vivo | Elshaimaa Elshemi,
<i>Mansoura University, Egypt</i> |
| 09:40-10:00 | Impacts of partially replaced organic N with inorganic N on growth and morphology of maize seedlings | Mahmood UI Hassan,
<i>China Agricultural University, china</i> |
| 10:00-10:20 | Arbuscular mycorrhizae fungi effect on <i>Lactuca sativa</i> (Asteraceae) seed germination in mercury polluted substrates | Sebastián Escobar,
<i>Catholic University of Manizales, colombia</i> |
| 10:20-10:40 | To set or not to set? Cucumber ovaries inhibited by dominant fruit express a dynamic developmental program | yula Goltsev,
<i>Bar ilan university, Israel</i> |
| 11:00-11:20 | Determining optimal mulching, planting density, and nitrogen application to increase maize grain yield and nitrogen translocation efficiency in northwest China | Xiukang Wang,
<i>Yan'an University, China</i> |

Coffee Break 10:40 -11:00 @ Foyer

11:20-13:40 @ slots available

Lunch Break 13:40 -14:40 @ Restaurant

Closing Ceremony and Departure

Tentative Scientific Program

Poster Presentations - Day-2

- | | | |
|-----------------|---|--|
| SAFS-001 | Integrated Management of Soil Fertility and Land Resources in Sub-Saharan Africa: Involving Local Communities | Vincent Boubie Bado,
<i>ICRISAT,Niger</i> |
| SAFS-002 | Identification of pests and diseases of the representatives of the pine tree family (Pinaceae) in the National Botanical Garden of Georgia and assessment of drying reasons | Marine Nozadze,
<i>Insect and Weed Management, Georgia</i> |
| SAFS-003 | The role of blue light in long-distance signaling during drought stress in tomato | Victor D'Amico-Damião,
<i>São Paulo State University (UNESP), Brazil</i> |
| SAFS-004 | Alternative nutrient solutions in simplified hydroponics systems | Felipe Arango Lopez,
<i>Free university of Bolzano,Italy</i> |
| SAFS-005 | Film mulched furrow-ridge water harvesting planting improves agronomic productivity and water use efficiency in Rainfed Areas | Cheng Wanli,
<i>Gansu Academy of Agricultural Sciences,China</i> |
| SAFS-006 | Film mulched furrow-ridge water harvesting planting improves agronomic productivity and water use efficiency in Rainfed Areas | Lei Wang,
<i>Gansu Academy of Agricultural Sciences,China</i> |
| SAFS-007 | Film mulched furrow-ridge water harvesting planting improves agronomic productivity and water use efficiency in Rainfed Areas | Yi Dang,
<i>Gansu Academy of Agricultural Sciences,China</i> |

Poster Slots are available Here

Note:This is a tentative program only and Program Schedule is subject to change with the final allotment of speaker slots. We are pleased to inform you that we have only a few speaker slots left, If you are interested.

Please contact Dr. Stewart Kelan at
sustainableagriculture@safs-2019.com

Venue: Hotel Müggelsee Berlin, Müggelheimer Damm 145, 12559 Berlin, Germany