

59th OMICS Group Conference

Scientific Program



International Conference on

Agricultural & Horticultural Sciences

September 14-15, 2012

Hyderabad International Convention Centre, Hyderabad, India



“Organize your Events at OMICS Group Conferences”

Proposals are invited for organizing Symposia/Workshops at OMICS Group Conferences in related areas under the scheme title of your own. These proposals can be sent to respective conference mail ids or to symposia@omicsonline.com

OMICS Group Conferences

5716 Corsa Ave., Suite 110, Westlake Los Angeles, CA 91362-7354, USA
Phone: +1-650-268-9744, Fax: +1-650-618-1414, Toll free: +1-800-216-6499
Email: agri2012@omicsonline.com

3:00-6:00 Registrations

September 13, 2012

Day 1 September 14, 2012

7:30-8:30 Registrations

Hall-2



08:30-09:00

Opening Ceremony

Keynote Forum

09:00-09:25 Hafidzi Mohd Noor
University Putra Malaysia, Malaysia

09:25-09:50 Vijay K .Khanna
Central Agricultural University, India

Track 1: Agronomy and Soil Sciences

Track 2: Crop Breeding and Genetics

Track 3: Plant Biochemistry and Physiology

Track 4: Crop Protection and Management

Track 5: Tissue Culture and Plant Biotechnology

Session Introduction

09:50-10:10 Title: SRI- as sustainable intensification of rice production system for enhancing the water productivity
R. Mahender Kumar, Directorate of Rice Research, India

Coffee Break 10:10-10:25

10:25-10:45 Title: Manufacturing jaggery, a product of sugarcane, as health food
Jaswant singh, Indian Institute of Sugarcane Research, India

10:45-11:05 Title: Insect resistance in rice : Strengthening the core of IPM
J. S. Bentur, Directorate of Rice Research, India

11:05-11:25 Title: Morinda citrifolia L.: A new domesticated horticultural crop for better livelihood and health in tropics
D. R. Singh, Central Agricultural Research Institute, India

11:25-11:45 Title: Colour changes in jaggery cubes under modified atmosphere packaging in plastic film packages
Dilip Kumar, Indian Institute of Sugarcane Research, India

11:45-12:05 Title: GGE Bi-Plot analysis for multilocation trials of castor short duration genotypes
C.Sarada, Directorate of Oilseeds Research, India

12:05-12:25 Title: Optimization of protocols for rearing the Cotton Bollworm/Legume Pod Borer, Helicoverpa armigera under laboratory conditions
G Chitti Babu, Acharya NG Ranga Agricultural University, India

Lunch Break 12:25-01:10

01:10-01:30 Mathematical modelling for demand and supply estimation of Paddy in Maharashtra
S. S. Thakare, Shri Shivaji Agriculture College, India

01:30-01:50 Title: Field reaction of Safflower advanced breeding lines to leaf spots caused by Alternaria carthami
Gajanan D. Katkar, University of Mysore, India

01:50-02:10 Title: Genetic Engineering for fragrance through the regulation of Phenylpropanoid Biosynthetic Pathway
P. Naveen Kumar, Directorate of Oil Palm Research, India

02:10-02:30 Title: Agricultural development in the context of climate change: A survey of adaptations in rice farming
Arun Kumar S, Directorate of Rice Research, India

02:30-02:50 Title: False smut disease – A serious and emerging concern to rice farmers
D. Ladhalakshmi, Directorate of Rice Research, India

02:50-03:10 Title: Influence of abiotic stressors on growth, physiology, productivity and quality of horticultural crops and its mitigation strategies
Suresh Kumar P, National Institute of Abiotic Stress Management, India

03:10-03:30 Title: Yield and zinc, copper, manganese and iron concentration in maize (Zea mays L.) grown on Vertisol as influenced by zinc application from various zinc fertilizers
Sanjib K. Behera, Indian Institute of Soil Science, India

Coffee Break 03:30-03:45

03:45-04:05 Title: Differential attraction of root-knot nematodes towards different host plants and the role of those plant derived chemicals on nematode behavior
Tushar Kanti Dutta, Indian Agricultural Research Institute, India

04:05-04:25 Title: Bio-pesticides - contemporary issues in Agriculture and Horticulture in India
M. S. Rao, Indian Institute of Horticultural Research, India

04:25-04:45 Title: Crop pest weather database management system for integrated pest management
N. Ravi Kumar, Central Research Institute for Dryland Agriculture, India

04:45-05:05 Title: Area wide implementation of integrated pest management in India for cauliflower cultivated in rainy season
Desh Bandhu Ahuja, National Centre for Integrated Pest Management, India

05:05-05:25 Title: Impact of migration of insect pests on oil palm sustainability
Kalidas P, Directorate of Oil Palm Research, India

05:25-05:45 Title: Influence of microbial inoculants on growth and nutrient dynamics in oil palm nursery
K. Ramachandrudu, Directorate of Oil Palm Research, India

05:45-06:05 Title: Selection of pisifera parents based on growth and yield performance of oil palm DxP hybrids
K. Sunil Kumar, Directorate of Oil Palm Research, India

06:05-06:25 Title: E- Usefulness of molecular markers for detecting genetic variability in oil palm tissue cultured clones
Jayanthi M, Directorate of Oil Palm Research, India

06:25-06:45 Title: Transcriptomics approaches for gene discovery in Plants - a case study in Piper
K. Johnson George, Indian Institute of Spices Research, India

06:45-07:05 Title: Collection of elite oil palms from exotic commercial plantations in India
Goutam Mandal, Directorate of oil palm Research, India

07:05-07:25 Title: Development of Safflower Germplasm Core collection based on quantitative descriptors
K. Alivelu, Directorate of Oilseeds Research, India

07:25-07:35 Panel Discussion

Day 2 September 15, 2012

08:00-08:30 Registrations

MR 1.05

Track 6: Agricultural Engineering and Technology

Track 7: Agricultural Economics and Agribusiness

Track 8: Horticulture and Floriculture

Track 9: Forestry

Track 10: Sustainable Practices for Agriculture

Session Introduction

08:30-08:50 Title: Human capital management for strengthening Indian food processing sector: An Imperative Approach
Neeraj, National Institute of Food Technology Entrepreneurship and Management, India

08:50-09:10 Title: Rice yield gaps in India: Causes and strategies to narrow the gaps
B.Nirmala, Directorate of Rice Research, India

09:10-09:30 Title: AICRIP Intranet- a digital repository of multilocal experimental data
B.Sailaja, Directorate of Rice Research, India

09:30-09:50 Title: Supermarket supply chains in Horticulture in India: The novel marketing models, effects and policies
M.B. Dastagiri, National Centre for Agricultural Economics and Policy Research, India

09:50-10:10 Title: Solar assisted dehumidifier based heat pump dryer for horticultural crops
Panna Lal Singh, Central Institute of Agricultural Engineering, India

10:10-10:30 Title: Status and innovation in coconut climbing- A summary
H L Kushwaha, Central Institute of Agricultural Engineering, India

Coffee Break 10:30-10:45

10:45-11:05 Title: Liquefied petroleum gas supplementation system for efficient governing of producer gas based electricity generators
Sandip Gangil, Central Institute of Agricultural Engineering, India

11:05-11:25 Title: Management of Gall Wasp Leptocybe invasa (Fisher and Salle, 2004) in Eucalyptus under nursery condition
Sushil Kumar, Navsari Agricultural University, India

- 11:25-11:45** Title: **Shelf life extension studies under different temperature regimes on ripening mechanism and quality preservation in Plums fruits (*Prunus domestica* and *P. salicina*) treated with 1-methylcyclopropene**
Neeraj, National Institute of Food Technology Entrepreneurship and Management, India
- 11:45-12:05** Title: **Information system for arid fruit crops**
R. Nagarjuna Kumar, Central Institute for Dryland Agriculture, India
- 12:05-12:25** Title: **Survey of bullock driven tractor for utilization of animal resources effectively**
Sushant B. Bakal, Shri Shivaji Agriculture College, India

Lunch Break 12:25-01:05

- 01:05-01:25** Title: **Mathematical modeling and thin layer drying kinetics of Bamboo Slices on convective tray drying at varying temperature**
Suresh Kumar P, National Institute of Abiotic Stress Management, India
- 01:25-01:45** Title: **Impacts of reforms on Agriculture trade and domestic policies in India after 1991**
Sushilkumar B. Shinde, Vaikunth Mehta National Institute of cooperative management, India
- 01:45-02:05** Title: **Physiological responses to source – sink imbalances in oil palm**
K. Suresh, Directorate of Oil Palm Research, India
- 02:05-02:25** Title: **Performance of certain single genotypes of tuberose (*Polianthes tuberosa*) for assessing the yield and quality traits**
P. Rachana, Tami Nadu Agricultural University, India
- 02:25-02:45** Title: **New vistas in Tobacco research**
K. Sarala, Central Tobacco Research Institute, India
- 02:45-03:05** Title: **Information system for weather parameters**
H. Ravisankar, Central Tobacco Research Institute, India
- 03:05-03:25** Title: **Seed priming to mitigate abiotic stress and to improve plant performance in Cucumber (*Cucumis sativus* L.)**
Rame Gowda, University of Agricultural Sciences, GKVK, India

Coffee Break 03:25:03:40

- 03:40-04:00** Title: **Physiological, biochemical and molecular changes associated with seed priming in Cucumber (*Cucumis Sativus* L.)**
Sowmya .K .J, University of Agricultural Sciences, GKVK, India
- 04:00-04:20** Title: **Abundance of mango leaf gall midge in relation to major abiotic factors and crop stages**
Sushil Kumar, Navsari Agricultural University, India
- 04:20-04:40** Title: **Farm Women's Empowerment for sustainable rural and community development**
Amtul Waris, Directorate of Rice Research, India
- 04:40-05:00** Title: **Evaluation of organic and conventional rice production systems for their productivity, profitability, grain quality and soil health**
K. Surekha, Directorate of Rice Research, India
- 05:00-05:20** Title: **Technology mediated e-learning opportunities for agricultural extension professionals**
Vara Prasad C, Directorate of Rice Research
- 05:20-05:40** Title: **Physical and chemical properties of banana fibre extracted from commercial banana cultivars grown in Tamilnadu State**
Preethi P, Tamil Nadu Agricultural University, India
- 05:40-06:00** Title: **Implementing citrus germplasm warehouse using cloud framework**
V.V. Sumanth Kumar, National Academy of Agricultural Research Management, India

06:00-06:15 Panel Discussion

Bookmark your dates



2nd International Conference on

Agricultural & Horticultural Sciences

September 2013 Hyderabad

OMICS Group Inc.
2360 Corporate Circle, Suite 400
Henderson, NV 89074-7722, USA
Ph: +1-888-843-8169
Fax: +1-650-618-1417
omicsonline@omicsonline.com

OMICS Publishing Group
5716 Corsa Ave., Suite 110, Westlake
Los Angeles, CA 91362-7354, USA
Ph: +1-650-268-9744
Fax: +1-650-618-1414
omicsonline@omicsonline.org

OMICS Group
1-90/1, Plot No. 20, Kavuri Hills
Madhapur - HITEC City
Hyderabad, A P, INDIA - 500 081
Ph: 040-40206068, 40131823
omicsgroup@omicsgroup.org

Toll free
USA & Canada: 1-800-216-6499
Australia: 1-800-651-097
Europe: 0805-080048