

Application Form

INTERNATIONAL THEMATIC WORKSHOP ON RECENT ADVANCES IN PLANT ABIOTIC STRESS TOLERANCE

(9th - 11th October, 2009)

Name: _____

Organization: _____

Designation: _____

Area of Interest:

Recent Review published (if any):

Mailing Address:

Phone: Off: _____

Res: _____ Mobile: _____

Email: _____

Please send the completely filled form to:

Dr. Yusuf Zafar T.I., Project Director-NIGAB

Email: y_zafar@yahoo.com

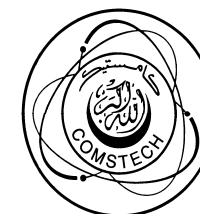
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INTERNATIONAL THEMATIC WORKSHOP ON RECENT ADVANCES IN PLANT ABIOTIC STRESS TOLERANCE

9th - 11th October, 2009

Venue

COMSTECH Auditorium,
Islamabad



Sponsored By

COMSTECH,
NIGAB-NARC
&
PARC/IABGR

Background

In agricultural context, stress is a phenomenon that limits crop productivity. Abiotic stress (drought, salinity, high temperature etc.) management is one of the most important challenges facing today's agriculture due to arid climate nature in Pakistan and many other parts of the world. Global climate change and pollution are another challenges confronting agriculture. The modern biotechnology approaches have provided a range of techniques to combat for stress tolerance in plants. New concepts, novel molecules and molecular mechanisms, more attention on products related to stress inducible genes, microarrays analyses and functional genomics pervade the field of abiotic stress tolerance. Several new GM products (Corn, Cotton, Wheat) having tolerance to drought stress are expected to be release commercially (2010-11).

COMSTECH (www.comstech.org.pk) is planning to hold a thematic workshop to share the results and streamlining the future research on abiotic stress tolerance in collaboration with National Institute for Genomics and Advanced Biotechnology (NIGAB).

Selected Topics

This proposed International workshop on "Recent Advances in Plant Abiotic Stress Tolerance" will cover the following major topics:

- Plant Response to Drought, Salt, and Osmotic Stresses
- Plant Response to Heavy Metal and Oxidative Stresses
- Plant Response to Nutrient Stresses
- Plant Response to Cold and Heat Stresses
- Signal Transduction of Abiotic Stress Tolerance in Plants
- Functional Genomics of Abiotic Stress Tolerance

- Breeding and Biotechnology of Abiotic Stress Tolerance

Workshop objectives

This event will help not only to review the present status and to frame future plans on the subject to trigger further research on this exciting field but also provides a forum for new opportunities to collaborate among institutes for agricultural development at national and/or OIC member states.

Speakers

Amongst the invited speakers are internationally known names such as **Professor Dr. Toru Fujiwara** and **Dr. Kyoko Miwa** from University of Tokyo, Japan and two other international experts. The program will include plenary lectures, open discussions and brief presentations by the participants.

Participants

Approximately 30 national participants (20 from other cities and 10 local), 5 active researchers from OIC member states, are expected to attend the workshop. Additionally, 3 external and 5 national speakers will also participate. We are expected to publish the proceedings and selected speakers/participants are encouraged to submit the full length review papers until **September 20, 2009**.

Venue

COMSTECH Auditorium, Islamabad.

Date

9th – 11th October, 2009

Arrival in Islamabad

Islamabad being the Federal Capital is well connected by rail, road and air.

Places of Interest in Islamabad

Faisal Mosque, Rawal Dam, Lake View Park, Daman-a-Koh, Pir Sohawa, Shakar Purrian, Fatima Jinnah Park, Lok Virsa.

Weather Conditions

First week of October is the mid of Autumn in Islamabad. Light hot weather is expected during day and mild cold during night. Temperature ranges from 20^o C to 30^o C.

Funds

Due to limited funds, few local travel grants may be available. Organizers will provide accommodation, conference material, tea and lunch. There is no registration fee.

Contact Address

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