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For more details, please visit COMSATS' website:

www.comsats.org

support biotechnology for food security in the common Member States of COMSATS and ISESCO.

THEME

Agriculture

- Crop breeding, improvement, protection and management
- Animal breeds selection for meat and milk production
- Agriculture and sustainable development
- Agricultural innovation and technology
- Agriculture Engineering and Agronomy

Food Security

- Trends and challenges to food security
- Food Nutrition Security: new concepts and strategies
- Food safety regulation and standards
- Food culture, heritage & industry
- Food sovereignty
- Ecosystem based adaptation for food security

Biotechnology

- Genetic improvement of crops using plant biotechnology
- Functional genomics using genome editing technology
- Animal genomics and biotechnology
- Industrial biotechnology
- Food and bioprocess technology
- Patent, biosafety, biosecurity, plant breeders rights

PARTICIPATION

Academicians, researchers, scientists, policy makers and implementers, and government officials working in



the field of Agriculture, Food Security and Biotechnology in the developing countries are encouraged to participate in this international Conference.

HOW TO REGISTER

Applications for participation are required to be submitted through duly filled-in prescribed form to COMSATS and ISESCO, at the contact addresses given at the end of this announcement on or before Friday, 31st March 2017.

Pakistani applicants may, however, send their applications directly to PARC, Islamabad.

FINANCIAL SUPPORT

Travel grants and boarding and lodging will be provided by COMSATS and ISESCO to a limited number of individuals from the member countries of ISESCO and COMSATS, selected by the International Conference Scientific Committee.

IMPORTANT DATES

Submission of Abstract
31st March 2017

Notification of Acceptance
3rd April 2017

Commencement of Conference
26th April 2017

3rd International Conference on
AGRICULTURE, FOOD SECURITY AND BIOTECHNOLOGY

April 26th - 27th, 2017
Islamabad, Pakistan



INTRODUCTION

Food security is one of the most crucial challenges being faced by humanity today. Although the gap between developed and developing countries has been somewhat reduced in terms of food and nutrition security, malnutrition and even starvation still persist in many areas across the globe. The second of the seventeen proposed SDGs call for efforts to “End hunger, achieve food security and improved nutrition, and promote sustainable agriculture” that could lead to sustainable enhancement of global capacity for food security through increase in agricultural productivity.

In view of the growing environmental and economic concerns that define the rhetoric of sustainable development, there is a dire need to maximally utilise the benefit of agricultural science and research for increasing agricultural productivity in order to improve the level of food security while conserving natural resources, such as water, forests and fisheries. Agricultural research and development and subsequent improvements in technology are prerequisites for increasing agricultural productivity. Agricultural research and biotechnology is important for developing new crops and better agricultural practices, and thus it is at the heart of long-term agricultural growth and development.

With a view to provide an interdisciplinary forum for the academicians, scientists and researchers to deliberate upon the aforementioned concerns and highlight the significance of this field, the Commission on Science and Technology for Sustainable Development in the South (COMSATS), in collaboration with the Islamic Educational, Scientific and Cultural Organization (ISESCO), and Pakistan Agricultural Research Council

(PARC), is organizing the 3rd International Conference on ‘Agriculture, Food Security and Biotechnology’, at National Institute for Genomics and Advanced Biotechnology (NIGAB), Islamabad, Pakistan, on April 26th – 27th, 2017.

ABOUT THE ORGANISERS

COMSATS

The Commission on Science and Technology for Sustainable Development in the South (COMSATS) is an inter-governmental organisation working for the S&T-led socio-economic uplift of the developing countries. It was established in 1994 and has its Headquarters located in Islamabad, Pakistan. COMSATS has 21 Member Countries across three continents; Latin America, Africa and Asia. COMSATS’ programmes of South-South cooperation in S&T are being implemented through an International Network of nineteen S&T Centres of Excellence, which are leading research institutions in developing countries. (www.comsats.org)

ISESCO

The Islamic Educational, Scientific and Cultural organization (ISESCO) is one of the largest international organizations of Islamic Countries based in Rabat, Morocco. ISESCO aims at strengthening, and promoting cooperation among Islamic Countries in the fields of education, science, culture and communication, developing applied sciences and use of advanced technology within the framework of Islamic values and ideals, and contributing to the global efforts of world peace and security. (www.isesco.org.ma)

PARC/NIGAB

Pakistan Agricultural Research Council (PARC) is the apex national organization working in close collaboration with other federal and provincial institutions in the country to provide science based solutions to agriculture of Pakistan through its statutory functions. National Institute for Genomics and Advance Biotechnology established at National Agricultural Research Centre (NARC), Islamabad under the umbrella of PARC, which is an exclusive national institute of biotechnology dedicated to undertake agricultural research in all the three domains of life including plants, animals and microbes. NIGAB is a state of the art complex of biotechnology having 28 labs, bioinformatics lab, animal house, biosecurity level-III facilities, glass houses and containment facilities. Research programs of NIGAB primarily aim at enhancement of national food security and assurance of food safety in this country.

OBJECTIVES

The key objectives of this international Conference are to:

- Provide a forum to scientists, researchers, technologists and faculty members to update their knowledge and share know-how on the recent developments in the field of agriculture and biotechnology;
- Build and strengthen linkages among R&D/S&T organizations working in the field of agriculture, biotechnology and food security for effective South-South cooperation;
- Make recommendations to the policy-makers for developing policies and strategies in order to



REGISTRATION FORM

3rd International Conference on

‘AGRICULTURE, FOOD SECURITY AND BIOTECHNOLOGY’

*April 26th - 27th, 2017
Islamabad, Pakistan*

Name (*as per passport*) _____

Designation _____

Institution/Organization _____

Highest Qualification _____

Present Field of Activity _____

Postal Address _____

City _____ Country _____

Passport No. _____

Tel. _____ Fax _____

Email _____

Signature _____

Date _____