

# INTERNATIONAL SYMPOSIUM ON LIGHT AND LIFE

14-16 October, 2015

Jointly organized by

Commission on Science and Technology for Sustainable Development in the South (COMSATS)

COMSATS Institute of Information Technology (CIIT) and

Abdus Salam International Centre for Theoretical Physics (ICTP)



## INTRODUCTION

A three-day International Symposium on 'Light and Life' is being organized at COMSATS Institute of Information Technology (CIIT), Islamabad, from 14 to 16 October 2015 to celebrate the UNESCO International Year of Light. This event is intended to provide a platform for discussing advancements in the study of light and light-based technologies, and its role in sustaining and enhancing the quality of life on this planet.

The Symposium will consist of plenary sessions, invited and contributed talks, poster/ workshop sessions and an exhibition. Renowned scientists and experts on light and light-based technologies from US, Europe, COMSATS Member States, South Asian universities and R&D Organizations are expected to contribute to the symposium as resource persons. Morning session on the third-day of the event will be exclusively devoted to scientific lectures and tutorials tailored to broadening the knowledge base of students. Researchers, faculty members, engineers, graduate and senior undergraduate students are encouraged to participate. The organizers will support a limited number of participants from COMSATS member countries with travel grants.

## TOPICS

The main topics of the Symposium are:

- Light Detection & Harvesting
- Light Emitting Devices
- Light-Matter Interactions
- Light-based Technologies
- Light and Health
- Cosmic Light
- Light in Art, Culture & Society
- Photochemistry & Photobiology
- Optoelectronics & Photonics
- Imaging Science
- Quantum Informatics

## HOW TO APPLY

Participants can register online through the Symposium website. The Registration fee will be waived for speakers, poster presenters and exhibitors.

If you are applying from outside Pakistan and require a travel visa, please let us know at least 2 months in advance of the symposium.

## EVENT PROCEEDINGS

The proceedings of the event will be published in the COMSATS' Series of Publications on Science and Technology. Please submit your paper in the required format at the time of the symposium as per the instructions given on the event website.

## CONTACT PERSONS

All correspondence and queries related to the Symposium may be addressed to:

- Dr. Majid Khan, Director (International Affairs), COMSATS Headquarters, Islamabad, Pakistan  
Email: majid@comsats.net.pk, Tel.: +92-333-5600104
- Dr. Abid H. Mujtaba, Assistant Professor, CIIT, Islamabad, Pakistan  
Email: abid.mujtaba@comsats.edu.pk, Tel.: +92-334-5088289

### Symposium Website

[ww2.comsats.edu.pk/lightandlife2015/](http://ww2.comsats.edu.pk/lightandlife2015/)

### Registration Fee

Rs. 3,000 for professionals

Rs. 1,500 for students

US\$ 100 for foreign participants

(Mode of Payment is available on event website)

### Registration and Abstract Submission Deadline

September 30, 2015

### Patrons

Imtinan Elahi Qureshi  
S. M. Junaid Zaidi

### Directors

M. Aslam Khan  
Joseph Niemela  
Arshad S. Bhatti  
M. Aslam Baig  
M. Yasin Akhtar Raja  
Shahid A. Khan  
Zahid Hussain

### Organizing Committee

M. Aslam Khan  
Majid Khan  
Irfan Hayee  
Naveed A. Khan  
Abid Jan  
Abdul Majid Qureshi  
Umair Hassan  
Fasih Butt  
Javed Anwar  
Huma Balouch  
Abid Mujtaba  
Saira Arif  
Asghari Gul  
Faisal Saeed

### Technical Committee

M. Aslam Khan (CIIT)  
Arshad S. Bhatti (CIIT)  
Masroor Ikram (PIEAS)  
M. Aslam Baig (NCP)  
Sajid Qamar (CIIT)  
Sabieh Anwar (LUMS)  
Khurram Aziz (CIIT)

### Expected Speakers

Ahmed, Mushtaq (NILOP, Pakistan)  
Allegrini, Maria (UNIPI, Italy)  
Altan, Hakan (METU, Turkey)  
Anwar, Sabieh (LUMS, Pakistan)  
Baig, M. Aslam (NCP, Pakistan)  
Bhatti, A. Saleem (CIIT, Pakistan)  
Bhutta, M. Khizar (Whirlpool, USA)  
Chaudhry, M. Iqbal (Qorvo, USA)  
Elsayed-Ali, Hani (ODU, USA)  
Goldoni, Andrea (Elettra, Italy)  
Hussain, Zahid (LBNL, USA)  
Ikram, Masroor (PIEAS, Pakistan)  
Khan, M. Aslam (CIIT, Pakistan)  
Naveed, Ahmer (CIIT, Pakistan)  
Qamar, Sajid (CIIT, Pakistan)  
Raja, M. Yasin Akhtar (UNC, USA)  
Raja, Shugafta Y. (UNCC, USA)  
Riza, Nabeel (UCC, Ireland)  
Sandner, Wolfgang (ELI, Germany)  
Satti, M. Manshad (ITButler, UAE)  
Tallents, Gregory John (UoY, UK)  
Yaqoob, Zahid (MIT, USA)  
Zaidi, S. M. Hassan (NUST, Pakistan)

## Event Sponsors:



MoST



HEC



PAS



PSF



NCP



NTS