



The Abdus Salam  
International Centre for Theoretical Physics



**Joint ICTP-KFAS  
Conference on Nanotechnology  
for Biological and Biomedical Applications  
(Nano-Bio-Med)**

**10 - 14 October 2011**  
Miramare - Trieste, Italy

The Abdus Salam International Centre for Theoretical Physics (ICTP, Trieste, Italy) is organizing a *Joint ICTP-KFAS Conference on Nanotechnology for Biological and Biomedical Applications (Nano-Bio-Med)* to be held at the ICTP, from **10 - 14 October 2011**.

**DESCRIPTION:**

This conference will be unique in many aspects. The event will be an opportunity to see how nanomaterials and nano-devices are playing increasingly critical and valuable role in improving the diagnosis, treatment, and prevention of diseases in different regional contexts. This conference will be an avenue for deliberations amongst researchers from around the globe to share their work and to derive synergy. The topics of the conference are applied as well as focused on fundamental research. Some of the sub-topics are:

- Nano-Bio Materials and Interfaces;
- Nano-Bio sensors and devices;
- Nanotechnology: tools and methods;
- Nanotechnology for tissue and Implant engineering;
- Modulated drug delivery system;
- Nanotoxicology and Bio-inspired nano materials for electron energy transfer.

**PARTICIPATION:**

Scientists and students from all countries that are members of the United Nations, UNESCO or IAEA may attend. As the Conference will be conducted in English, participants should have an adequate working knowledge of this language. Although, the main purpose of the Centre is to help research workers from developing countries, through a programme of training activities within a framework of international cooperation, a limited number of students and post-doctoral scientists from developed countries are also welcome to attend.

As a rule, travel and subsistence expenses of the participants should be borne by their home institution. Every effort should be made by candidates to secure support for their fare. However, very limited funds are available for partial support of some participants who are nationals of, and working in, a developing country, and who are not more than 45 years old. Such support is available only for those who attend the entire Conference. **There is no registration fee for attending this activity.**

**HOW TO APPLY FOR PARTICIPATION**

An Online Application Form can be accessed through the Conference website:  
<http://agenda.ictp.it/smr.php?2268>

Once in the website, comprehensive instructions will guide you step-by-step on how to fill out and submit the Application Form.

**CONFERENCE SECRETARIAT:**

Telephone: +39-040-2240346  
E-mail: [smr2268@ictp.it](mailto:smr2268@ictp.it)

Fax: +39-040-224163  
ICTP Home page: <http://www.ictp.it/>

**ORGANIZERS:**

**Sangeeta KALE**  
(Defence Institute of Advanced Technology  
DIAT, Pune, India)

**Samir M. IQBAL**  
(University of Texas at Arlington, USA)

**LOCAL ORGANIZER:**

**Loredana CASALIS**  
(Sincrotrone, Trieste, Italy)

**TENTATIVE LIST OF SPEAKERS:**  
(updated as of June 2011)

**L. Ballerini** (Univ. of Trieste, Italy)  
**R. Bashir** (Univ. of Illinois at UC, USA)  
**W. Bauer** (Universität Würzburg, Germany)  
**M. Bououdina** (University of Bahrain)  
**L. Casalis** (Sincrotrone, Trieste, Italy)  
**A. Chattopadhyay** (IIT, Guwahati, India)  
**D. Cojok** (TASC, Trieste, Italy)  
**H-L. Dai** (Temple University, USA)  
**L. Fruk** (University of Karlsruhe, Germany)  
**M. Garcia-Parajo** (IBC, Barcelona, Spain)  
**J. Heath** (Caltech, USA)  
**S.M. Iqbal** (Univ. of Texas at Arlington, USA)  
**S. Kale** (DIAT, Pune, India)  
**D. Klug** (Imperial College, London, UK)  
**H.F. Krug** (EMPA, St. Gallen, Switzerland)  
**A. Laio** (SISSA, Trieste, Italy)  
**B. Pepin-Donat** (SPRAM INAC, France)  
**M. Prato** (University of Trieste, Italy)  
**R. Rao** (IIT, Bombay, India)  
**G. Scoles** (SISSA, Trieste, Italy)  
**W. Selvamurthy** (DRDO, India)  
**F. Stellacci** (EPFL, Lausanne, Switzerland)

***Deadline for Application:***

**1 JULY 2011**