

ABOUT THE WORKSHOP

The 8th workshop on Biosensors and Bioanalytical μ -Techniques in Environmental and Clinical Analysis will be hosted by BITS – Pilani, Goa Campus, Goa INDIA under the auspices of **International Association of Environmental Analytical Chemistry (IAEAC)** Switzerland. The specific theme of this workshop is extended to multidisciplinary fields connecting μ -systems, nano-biosensors, biochip, nanotechnology, MEMS, genomics and proteomics.

Previous editions of the workshop were held in Paris France (1994), Lund Sweden (1996), Las Vegas USA (1998), Minorca Spain (1999) Ithaca USA (2002), Rome Italy (2004) and Kusadasi Turkey (2006).

GOAL OF THE WORKSHOP

The workshop will bring together experts and those who are interested in the themes of the workshop. The aim of the workshop is to provide a forum for discussion and exchange of knowledge about the recent advances in biosensor applications in real life pollution problems, bio-analytical micro and nano techniques and clinical diagnostics. The workshop will also provide an opportunity to strengthen existing networks of education and research among the participants and scope for future collaboration.

THEMES

The focus of the workshop will be on the following topics

- Biosensors, Bioelectronics and bio-analytical systems
- High throughput assays, nano-biosensors
- Immunosensors
- Nucleic acid sensors & DNA chips
- Enzyme-based biosensors
- Organism- and whole cell-based biosensors
- Natural & synthetic receptors for biosensors
- Nano materials for biosensor applications
- MEMS / NEMS applications in bio analysis
- New signal transduction technology
- Systems integration, proteomics and single molecule detections
- Validation of Biosensors in real samples
- Commercial developments and markets
- Applications in Environ. & Clinical Analysis

CALL FOR PAPERS

Contributed papers relating to the themes of the workshop for oral or poster presentation are welcome for presentation at the workshop. The official language of the workshop is English.

Papers will be referred and published on a special issue of *International Journal of Environmental Analytical Chemistry (IJEAC)*.

KEY DATES

April 30, 2007- Abstract submission

May 30, 2007- Notification of Acceptance

July 01, 2007- Early Registration

The 8th Workshop on Biosensors and Bioanalytical μ -Techniques in Environmental and Clinical Analysis

**October 3-6, 2007
GOA - INDIA**

(First Announcement)

Organized by



**Birla Institute of Technology and Science
Pilani, Goa Campus, INDIA**



**International Association of
Environmental Analytical
Chemistry**

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REGISTRATION FEES

(Before July 01, 2007)

International participant (175 €)

International accompanying person (50 €)

International student -with valid ID (75 €)

International participant-Industry (250 €)

An extra 50 € will be charged after July 01, 2007.

National participant (INR 2500)

National accompanying person (INR 1000)

National student -with valid ID (INR 1000)

National participant -industry (INR 5000)

An extra INR 500 will be charged after July 01, 2007.

*IAEAC members will pay the registration fee with 25% reduction.

Selected young scientists may be supported for attending the workshop. Please contact organizers for further information.



Palolem Beach GOA

WORKSHOP VENUE

The workshop will be conducted at the **Birla Institute of Technology and Science, Pilani -Goa Campus, Goa INDIA.**

Widely regarded as the “Pearl of Orient” Goa is a well-known and popular hotspot on the map of India and the world. The name immediately brings to mind the lush green meadows, hills and valleys the glittering sand, the sea and its attractive beaches. During October the temperature of Goa is 27-32°C with about 7 hours sunlight.

Goa international Airport is well connected through International and domestic flights from all around the world. Several flights operate to and from Goa to major cities in India and abroad. The workshop venue is about 5 kms. from the **Goa International Airport (GOI) Dabolim.**

Further information regarding abstract submission is available at;

www.bits-goia.ac.in/biosensorworkshop07

Information regarding registration and accommodation will be available through second announcement and workshop website by April 2007.

