

Physics at Surfaces and Interfaces

PSI 2009

February 23 - 27, 2009

<http://www.iopb.res.in/~psi2009>

The 2nd International Conference on Physics at Surfaces and Interfaces (PSI2009) will be jointly organized by Institute of Physics (IOP), Bhubaneswar and Indian Association for the Cultivation of Science (IACS), Kolkata from February 23 - 27, 2009. The conference will be held in the beach resort of Puri on the Bay of Bengal. Puri is an international tourist spot with its long sandy beach and nearby temples listed under World Heritage sites. Some temples date back to the eighth century. The famous Sun Temple at Konark is 35 kms away from Puri. Puri is 65 kms away from Bhubaneswar, the capital of the Indian state of Orissa. Bhubaneswar is connected to Calcutta (Kolkata), Delhi, Bombay (Mumbai) and Madras (Chennai) by air. The five-day conference includes an excursion involving the Golden Triangle (Puri - Konark - Bhubaneswar). The conference will be held in Toshali Sands - a hotel with its own private beach.

Normally, the lectures are held in the morning and evening. Afternoons are available for informal participation in discussions, reading and recreation as individuals desire.

This year is celebrated as "Dr. Homi Bhabha's Birth Centenary Year 2008 - 2009". We are organizing this conference as a part of these celebrations.

TOPICS

The main theme of PSI2009 will be the use of various Microscopy and Synchrotron radiation based methods for studying surfaces and interfaces.

- Growth
- Structural, electronic and magnetic properties
- Surface and interface modifications by energetic particle interactions
- Multilayers
- Semiconductor heterostructures
- Quantum devices
- Catalysis
- Patterned surfaces using FIB and e-beams
- New techniques

INVITED SPEAKERS (TENTATIVE LIST)

- | | | |
|--------------------------|-------------------------|----------------------------|
| • R. Banerjee, USA | • Yukio Hasegawa, Japan | • S. K. Satija, USA |
| • S. Banerjee, India | • B. Jena, USA | • O. Seeck, Germany |
| • Michael J. Bedzyk, USA | • J. Kirschner, Germany | • S. M. Shivaprasad, India |
| • R. J. Behm, Germany | • Fumio Komori, Japan | • S. K. Sinha, USA |
| • J. Dailant, France * | • T. Koshikawa, Japan | • A. K. Sood, India |
| • G. P. Das, India | • Guy Le Lay, France | • John Venables, USA * |
| • H. Dosh, Germany * | • C. P. Liu, Taiwan | • Jin Wang, USA |
| • B. N. Dev, India | • S. D. Mahanti, USA | • A. Wee T S, Singapore |
| • C. S. Fadley, USA | • A. McLean, Canada | • Pratt Williams, USA |
| • J. Fassbender, Germany | • A. Rosenauer, Germany | • H. Winter, Germany |
| • R. S. Goldman, USA | • M. K. Sanyal, India | • H. Woong Yeom, Korea |
| • M. Hanbucken, France | • D. D. Sarma, India | • Jorg Zegenhagen, France |

* To be confirmed

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CORRESPONDENCE

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IMPORTANT DATES

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| • Online abstract Submission started : | September 25, 2008 |
| • Last date to upload abstracts : | November 24, 2008 |
| • Notification of selected abstracts : | December 15, 2008 |
| • Last date of registration : | December 31, 2008 |
| • Conference Dates : | February 23 – 27, 2009 |

REGISTRATION & ABSTRACT SUBMISSION

Participants are required to register themselves before **31st December 2008**

Details of registration process can be found in the given website <http://www.iopb.res.in/~psi2009/>

Personal details along with abstract file upload can be accomplished in a form given in the website.

P. V. Satyam, Institute of Physics, Bhubaneswar, India

B. N. Dev, Indian Association for the Cultivation of Science, Kolkata, India

Organisers :



Institute of Physics
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