



IOPB

WORKSHOP ON ELECTRON MICROSCOPY

WEM-2011, 90P, Bhubaneswar



IITBBS



EMSI sponsored Workshop

November 23 - 25, 2011

<http://www.iopb.res.in/~wem2011>



EMSI Eastern Zonal Chapter

The "Workshop on Electron Microscopy" (WEM2011) is jointly organized by Institute of Physics (IOP), Bhubaneswar and Indian Institute of Technology Bhubaneswar (IITBBS) from **November 23 - 25, 2011 at IOP campus**. The main objective of the WEM2011 is to bring young researchers from the Eastern part of India and provide a platform to have interaction with eminent scientists.

Applications are invited from senior research scholars and junior faculty/scientists who have been using electron microscopy as user for their work. The **ABSTRACT** (limited to one page) must reach the Convener (through online abstract submission) **BEFORE 4th NOVEMBER 2011**. Priority would be given for participants from EASTERN REGION of INDIA. Partial financial assistance maybe considered for deserving participants for those who have contacted before 4th November 2011. The participants without an abstract NEED to send recommendation letter through their supervisor/head of the Department/Institute along with their CV to the convener.

Scope of the Workshop

The main focus of WEM2011 would be on basic understanding of Electron Microscopy methods : SEM, TEM, STEM, EDS, EBSD, Aberration corrected imaging, Image simulations, NBD, CBED, Cryo TEM, In-situ TEM, PEEM, and other complementary methods like 3D Atom Probe Tomography, STM, X-ray , Ion scattering methods and their applications.

Research Areas: Physics, Materials Science, Biological Sciences

Talks will be mostly like tutorials.

We plan to have about Twenty (20) invited talks of 30- 35 minutes duration, about five (5) talks of 20 minutes duration, and about 5 - 10 talks (by participants) for 10 minutes. We plan to have one poster session on November 24, 2011.

Demonstration: Half-day demonstration is planned for non-local participants on November 25, 2011.

Invited Speakers (Tentative list)

- Dr. S. Banerjee, Chairman, DAE*
- Dr. G. K. Dey, BARC
- Dr. K. Muraleedharan, DMRL
- Prof. K. Chattopadhyay, IISc *
- Dr. Madan Gopal, BARC*
- Prof. Rahul Mitra, IIT-KGP
- Prof. Pushan Ayub, TIFR*
- Dr. P. Sengupta, BARC
- Prof. B. S. Murty, IIT Madras
- Dr. G. Ravichandra, ARCI
- Dr. D. V. Sridhara Rao, DMRL
- Prof. J. Bellare, IIT Bombay *
- Prof. A. Rosenauer, UB, Germany
- Prof. B. N. Dev, IACS
- Dr. A. Basu, NIV, Pune
- Prof. V. Jayaram, IISc, Bangalore
- Dr. Ravishankar, IISc
- Dr. I. Manna, CGCRI
- Dr. P. V. Satyam, IOP
- Dr. Ranjan Datta, JNCASR
- Dr. B. Satpati, SINP
- Dr. R. Balamuralikrishnan, DMRL
- Dr. Sandip Bysakh, CGCRI
- Prof. T. Chini, SINP, Kolkata

* To be confirmed

Organizing Committee

- Prof. A. M. Jayannavar , IOP, Patron
- Prof. M. Chakraborty, IITBBS, Chairman
- Prof. P. V. Satyam, IOP, Convener
- Prof. B R Sekhar, IOP
- Prof. S. Varma, IOP
- Prof. T. Som, IOP
- Prof. V. R. Pedireddi, IITBBS
- Prof. Animesh Mandal, IITBBS
- Prof. P. K. Sahu, NISER

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Registration and Abstract submission

- Participants are required to register themselves on or before **4th November, 2011**
- Details of registration process can be found in the given website <http://www.iopb.res.in/~wem2011>
- Personal details along with abstract file upload can be accomplished in a form given in the website.

Important Dates

- ☞ Online abstract submission starts: **October 20, 2011**
- ☞ Last date to upload abstracts: **November 04, 2011**
- ☞ Notification of selected abstracts: **November 07, 2011**
- ☞ Last date of registration: **November 10, 2011**
- ☞ Workshop dates: **November 23-25, 2011**



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