

WIB2015

Workshop on the Use of Low Energy Ion Beams

November 7 - 9, 2015

Institute of Physics, Bhubaneswar, India

About WIB2015 (WIB@IOPB)

The main aim of the "Workshop on the Use of Low Energy Ion Beams" is to provide a platform for scientists and research students working in the area of low energy ion beams to come together and discuss various issues of Ion Beams (energy up to 10.0 MeV). The 3-day conference will consist of keynote speakers, invited, contributed talks and poster sessions. The is organized as a part of "Celebration of 40th Year of Academic Activities of Institute of Physics, Bhubaneswar, India" during **November 7 - 9, 2015** (Saturday, Sunday and Monday) at Institute of Physics, Bhubaneswar.

TOPICS OF INTEREST

- Fundamentals of ion-solid interactions: Modification and Damage of Materials and In-situ study of ion beam induced effects with TEM, XRD and Raman techniques.
- Applications of Ion Beam Analysis (IBA): Surface and Interfaces of thin films; Nuclear Technology Materials; Environmental Science; Geophysics: Earth and Planetary Sciences; Biology and Medicine; Trace Element Analysis; Radiation Biology; Art and Archaeometry
- Electron Microscopy and Radiation damage study
- Particle Induced X-ray Emission: Micro/Macro Beam PIXE and applications
- Accelerator Mass Spectrometry and applications
- Complementary use of IBA and other techniques of analysis
- New Developments in Ion Scattering methods, μ beam, and AMS

REGISTRATION AND ABSTRACT SUBMISSION

Registration can be made on website for participation in the workshop using the website link

<http://www.iopb.res.in/wib2015/index.php>.

Registration fees can be paid on the registration table. A short abstract of maximum one page in MSWORD file for oral or/and poster presentation should be submitted through web page by October 20, 2015. The abstracts accepted for presentation will be intimated to the authors by October 22, 2015.

REGISTRATION FEE*

Faculty/Scientists: ₹ 2000/=;

Students, Postdoctoral fellows, etc: ₹ 1000/=

Company Staff: ₹ 25,000/=

*Accommodation charges are not included in the registration.

Financial assistance: A few selected students not having any source of funding maybe considered for partial travel assistance (upto 2SL including tatkal charges). Such request should reach us by 20 Oct 2015.

PARTIAL LIST OF INVITED SPEAKEERS

Prof. V. S. Ramamurthy, Emeritus Professor, NIAS, Bangalore
Dr.D.Kanjilal IUAC, New Delhi
Dr. A. K. Sinha UGC-DAE-CSR, Indore
Prof. S. Donnelly University of Huddersfield, UK
Prof. B. N. Dev IACS, Kolkata
Dr. M. Vijaya Lakshmi, IGCAR, Kalpakkam
Dr. B. K. Panigrahi IGCAR, Kaplakkam
Prof. D. C. Kothari Mumbai University, Mumbai
Dr. D. K. Avasthi IUAC, NewDelhi
Prof. P. K. Bajpai G. G. Vishwavidyalaya, Bilaspur
Dr. M. Sudarshan UGC-DAE-CSR, Kolkata
Prof. B. Rout University of North Texas, Denton
Prof. S. Varma Institute of Physics, Bhubaneswar
Prof. T. Som Institute of Physics, Bhubaneswar
Prof.S antanu Ghosh IITD, Delhi
Dr. B. Sundaravel IGCAR, Kaplakkam
Dr. A. Pandian IGCAR, Kalpakkam
Prof.S. Bhattacharjee IIT Kanpur
Dr.S. Mahapatra Indraprastha University, Delhi
Prof. S. Aggarwal Kurushetra University, Kurukshetra
Dr.Pratap K. Sahoo NISER, Bhubaneswar
Prof.Nageswara Rao HCU, Hyderabad
Dr. Rahul Singhal MNIT, Jaipur
Dr. R. Acharya BARC, Mumbai
Dr.A. Chakraborty, UGC-DAE-CSR, Kolkata
Dr. J. B. Krishna UGC-DAE-CSR, Kolkata
Dr. P. Karmakar VECC, Kolkata
Prof. P. V. Satyam IOPB, Bhubaneswar
Prof.L. Tribedi TIFR, Mumbai
Dr. Pranesh Sengupta BARC, Mumbai
Dr. P. Santhanaraman NUS, Singapore
Dr. K. G.M.Nair IGCAR, Kalpakkam
Dr. G. K. Dey BARC, Mumbai

Prof. A. Goswami SINP, Kolkata
Prof. B. R. Sekhar * IOP, Bhubaneswar
Dr. S. Chopra* IUAC, New Delhi
Prof. M. Garg* PU, Chandigarh

* To be confirmed

ACCOMODATION

Accommodation can be arranged on request, which must reach the convener on or before October 20, 2015. The approximate charges are Rs.1000 to Rs.2500 per day on sharing basis in nearby hotels (Corporate rates may be available for the hotels: Ginger, Sandys Tower and Swosti Premium). The accommodation charges need to be paid by speakers. A very limited accommodation is available in our guest house and this would be allotted on first cum first basis.

NATIONAL ADVISORY COMMITTEE

- Dr. Sekhar Basu, Director, BARC
- Prof. S. Panda, Director, IOP
- Prof. A. K. Mohanty, Director, SINP
- Dr. D. Kanjilal, Director, IUAC
- Dr. G. K. Dey, BARC, Mumbai
- Dr. A. K. Sinha, Director, UGC-DAE-CSR, Indore
- Dr. D. K. Avasthi, IUAC
- Prof. B. N. Dev, IACS, Kolkata
- Dr. B. K. Panigrahi, IGCAR, Kalpakkam

NATIONAL ORGANISING COMMITTEE

- Prof. P. V. Satyam, IOP, Chairman
- Prof. S. Varma, IOP
- Prof. B. R. Sekhar, IOP
- Prof. T. Som, IOP
- Prof. D. Topwal, IOP
- Prof. L. Tribedi, TIFR
- Dr. Pranesh Sengupta, BARC
- Dr. P. K. Sahoo, NISER
- Dr. M. Sudarshan, UGC-DAE-CSR, Kolkata

LOCAL ORGANISING COMMITTEE

- Prof. P. V. Satyam, IOP, Chairman
- Mr. A. K. Behera, IOP
- Mr. R. K. Nayak, IOP (Accounts Officer)
- Dr. S. N. Sarangi, IOP (Secretary)

ADDRESS FOR COMMUNICATION

Prof. P. V. Satyam (Chairman, WIB2015)
Institute of Physics, Bhubaneswar - 751005, India
Email: iopaf@iopb.res.in; wibatiopb@gmail.com
<http://www.iopb.res.in/wib2015/index.php>