



International Workshop on Ion Beam Applications



27-28 October, 2016

Organized by

National Centre for Physics, Islamabad
KTH Royal Institute of Technology, Sweden

Introduction

A two-day “International workshop on Ion Beam Applications” is being organized at the National Centre for Physics (NCP) Islamabad in collaboration with KTH-Royal Institute of Technology, Sweden on 27-28 October 2016. The workshop is planned around the Pelletron Tandem Accelerator facility installed in NCP, which offers research opportunity in vast scientific areas, such as material science; semiconductor industry; nuclear science research; environment and biological sciences; nano-technology etc. In this context, a national user workshop was organized in June 2016. The present event is the continuation in a series and is likely to continue in coming years.

Primarily the focus of international workshop on Ion Beam Applications is to raise awareness among young scientists, researchers and engineers, both from academia and Industry to make it possible for them to interact with international experts in the field of ion beams. Moreover, this platform will also enhance the ability and expertise of the attendees in using ion beams to address their specific scientific problems. Following topics will be addressed in the workshop.

Topics

- Ion beam applications in semiconductors
- Ion implantation
- Ion beam analysis
- Detection and monitoring of trace elements in sample matrix (PIXE)
- Analysis of light elements at the verge of detection limit (PIGE)
- Diverse Industrial application (namely pharmaceutical, biological, food, agricultural and mining industries)
- Ion beam modification and analysis of thin films for various technological applications

Participation

Research students, post-doctoral researchers, faculty members, scientists and engineers are encouraged to apply for participation. The travel expenses of the participants shall be borne by the parent institutes. Partial travel assistance may be provided to selected outstation student participants on merit basis.

Registration Fee

Local Students: Pak Rs. 1500/-
Outstation Students: Pak Rs. 2000/-
Employees: Pak Rs. 3000/-

How to apply

Application Form can be accessed at: <http://www.ncp.edu.pk/iwiba-2016.php>.
Application Form should be submitted on or before September 15, 2016.

For further Information, Please Contact:

Collaborations & Academic Activities Department (CAAD)

caad@ncp.edu.pk / Tel: 051-9006216 / 051-2077363 / Fax: 051-2077342

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Directors

Prof. Anders Hallén (KTH, Sweden)
Muhammad Usman (NCP)

Speakers

Anders Hallén (Sweden)
Andrej Kuznetsov (Norway)
Chris Jeynes (England)
Haiyang LU (China)
Muhammad Usman (NCP)
Nauman Amjad (Edu. Uni. Lahore)
Mazhar Hussain (GCU Lahore)
Shehla Honey (PU)
Safdar Abbas (QAU)

Technical Committee

Ishaq Ahmad
Turab Ali Abbas
Javaid Hussain

Management and Organizing Committee

Ishaq Ahmad
Inam ur Rehman
Abdul Hamid

**APPLICATION
DEADLINE
30 September 2016**



Vetenskapsrådet

