

National Workshop on X-ray Photoelectron Spectroscopy (XPS)

May 30-31, 2016

National Centre for Physics (NCP)
QAU Campus, Shahdara Valley Road, Islamabad



Introduction

National Centre for Physics (NCP) is organizing a 2-days “National Workshop on X-ray Photoelectron Spectroscopy (XPS)” from May 30-31, 2016.

Nanoscience and Technology Department (NS & TD) at NCP is equipped with several state of the art characterization techniques, XPS being the latest addition to these. Photoelectron spectroscopy is an immensely valuable nondestructive surface analysis technique ($\leq 10\text{nm}$) based on the photoelectric effect that provides composition and chemical bonding information on the surface of almost any material (conducting or insulating). The XPS equipment at NCP is the only one in the entire country and has therefore become the focus of attention of a large number of researchers. This workshop aims to orient the participants to the basics of this system and its multifaceted applications. The event will hold introductory lectures and case studies from XPS experts, as well as interactive sessions. There will be ample opportunities for the prospective users to learn the potentials of this technique and to determine the prospects of collaborations in this area.

Eligibility Criterion

Faculty members and/or employed researchers having experience in the field of activity and/or aspiring to take up such research.

Participation

Limited seats are available and will be filled on first come first serve basis as per eligibility criterion.

Registration Fee

Local (Rwp/Isb) participants: Rs. 2000/-

Non-local participants: Rs. 3000/-

Fee will cover tea plus lunches for both days. Accommodation and meals will be provided free of charge to outstation participants. Partial travel assistance may be provided to selected outstation participants.

How to Apply

Application form can be downloaded from <http://www.ncp.edu.pk/wxps-2016.php> and filled form should be submitted before **May 17, 2016**.

For further information, please contact:

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Directors

Dr. Hafeez R. Hoorani

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Technical Committee

Dr. Muhammad Sultan

Mr. Muhammad Arshad

Dr. Yaqoob Khan

Organizing Committee

Dr. Riffat M. Qureshi

Mr. Inam ur Rehman Butt

Invited Speakers / Lecture Topics

To be announced

**APPLICATION
DEADLINE
May 17, 2016**