



Workshop on Contemporary Topics in Nanomagnetism

Feb. 23-27, 2015



Jointly organized by

National Centre for Physics (NCP), Islamabad
&

Kohat University of Science and Technology (KUST), Kohat

Introduction

National Centre for Physics in collaboration with Kohat University of Science and Technology (KUST) is organizing a one week workshop on contemporary topics and recent trends in nanomagnetism from Feb. 23 to Feb. 27, 2015. This workshop will center around the lecture series of Prof. Wolfgang Kuch from the Freie University Berlin, who is a renowned expert in the magnetism of surfaces/interfaces and molecules at the surfaces. The workshop would include scientific lectures by Professor Kuch on the latest trends in this area as well as tutorials and discussion on advanced concepts and techniques of magnetic characterization such as X-ray absorption spectroscopy of magnetic systems, X-ray magnetic circular dichroism and magnetic domain imaging. Tutorial topics will include magnetism in reduced dimensions including basics of magnetism and magnetic layered systems and magnetic domains. Limited number of oral presentations will also be offered by local experts in the areas of magnetism, multiferroics and nanostructures. This workshop will provide an opportunity for students and young researchers to interact with and gain from local and international experts of the field. Other participants would be expected to participate in poster presentation of their work.

Participation

Research students, post-doctoral researchers, faculty members and research scientists who are actively involved in the related research areas are encouraged to apply for participation and presentation (oral or poster). Selected applicants will be required to pay Rs. 1000/- as registration fee upon arrival at Venue. However, there is no registration fee for poster presenters and seminar presenters. 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.

How to Apply

Application form should be filled online (<http://www.ncp.edu.pk:8080/ctn/>) or email the filled registration form (click here) to (yaqoobkhattak@hotmail.com; khurshid@ncp.edu.pk) before **January 30, 2015**. Selected candidates will be informed through email before 6th February 2015.

Sponsors

National Center for Physics, QAU Campus, Islamabad (NCP), Pakistan
Kohat University of Science and Technology (KUST), Kohat, Pakistan
German Academic Exchange Service (DAAD), Germany

For further Information, Please Contact:

Activity Secretariat: Collaborations & Academic Activities Department (CAAD)
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Humaira Safdar
Mohammad Usman
Sajjad Qureshi

Keynote Speaker

Wolfgang Kuch

Invited Speakers / Lecture Topics

Arshad Saleem Bhatti:

To be announced

Sabeeh Anwar:

Magneto Optical Kerr Effect

Mohammad Mazhar:

Patterned nanostructures

Kashif Sabeeh:

Magnetic effects in topological insulators

Sadia Manzoor:

Exchange bias systems

Arif Mumtaz:

Relaxor multiferroics

S. K. Hasanain:

Defect ferromagnetism in oxides

**APPLICATION
DEAD LINE
30 January 2015**