

Workshop on Neutron Scattering (Elastic and Inelastic) and Muon Spectroscopy

February 16-17, 2024

The Nano Mission program, led by the Department of Science and Technology in collaboration with Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), signed an agreement with the Science and Technology Facilities Council (STFC) in the United Kingdom. This collaboration aims to foster joint efforts among scientists from the UK and India in neutron scattering and muon spectroscopy. The focus will be on utilizing the experimental facilities at ISIS Rutherford Appleton Laboratory (RAL) for nanotechnology and advanced materials research. For more details, [Visit Our Website](#).

A workshop is scheduled as a part of this initiative, providing lectures on fundamental aspects of neutron scattering (elastic and inelastic) and muon spectroscopy. The application of these techniques to diverse areas such as physics, chemistry, biology, and materials research will be explored to attract new users to leverage these large-scale facilities. Researchers, including Ph.D. students and post-docs, who are keen on incorporating neutron and muon techniques into their research are encouraged to apply. Selected participants will receive AC 3-tier return train fare and shared local accommodation.

Elastic Scattering
Diffraction (Crystal and Magnetic Structure)
Small Angle Scattering
Reflectometry

TOPICS

Inelastic Scattering
Phonon and Magnon
Quasi-Elastic Scattering
Muon Spin Relaxation

APPLY NOW

Last Date for Application : January 28, 2024

Venue : Conference Center, IIT Guwahati

Organized by:

Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore

Supported by:

Nano Mission, Department of Science and Technology, India

Hosted by:

Department of Physics, Indian Institute of Technology, Guwahati



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