



Science & Technology Facilities Council  
ISIS Neutron and Muon Source

## Workshop on Data Analysis of Neutron Scattering and Muon Spectroscopy 7–8 February 2019

Jawaharlal Nehru Centre for Advanced Scientific Research,  
Jakkur P.O., Bengaluru 560 064

Recently, Indian researchers have access to neutron and muon facilities at ISIS, Rutherford Appleton Laboratory (RAL) through an agreement between Nanomission program of Department of Science and Technology, India and Science and Technology Facilities Council (STFC), RAL, United Kingdom for nanotechnology and advanced materials research.

The aim of the workshop is to train the users of neutron and muon facility at the ISIS, RAL on the data analysis of neutron scattering and muon spectroscopy. Since the duration of the workshop is limited, only data analysis of time-of-flight neutron scattering with a special focus on magnetic structure will be discussed. Reflectometry, Small Angle Neutron Scattering (SANS) and muon spin rotation and relaxation ( $\mu$ SR) will also be discussed.

### Speakers

Debasis Sen (BARC)  
Devashibhai Adroja (RAL)  
Pascal Manuel (RAL)  
Mrinmay Mukhopadhyay (SINP)  
Sean Langridge (RAL)  
A. Sundaresan (JNCASR)  
S. M. Yusuf (BARC)

### Conveners

Milan K. Sanyal  
A. Sundaresan

**Participants:** Ph.D. students and researchers who are interested in neutron scattering and muon spectroscopy research can apply for this workshop. The selected participants will be reimbursed 2-tier AC train fare, and accommodation and local hospitality will also be taken care by the organizers.

**Apply online:** <http://jncasr.ac.in/neutron/workshop>

**Last date to apply:** 31 December 2018

**Supported by:** Mission on Nanoscience and Technology, Department of Science and Technology, Government of India.