



XVIII- SCHOOL ON

NEUTRONS AS PROBES OF CONDENSED MATTER

(October 28-November 1, 2018)

Venue

Bhabha Atomic Research Centre, Mumbai-400085

Organized by

**UGC-DAE Consortium for Scientific
Research, Mumbai Centre**

&

**Solid State Physics Division,
Bhabha Atomic Research Centre**



UGC-DAE Consortium for Scientific Research (CSR) Mumbai Centre and Bhabha Atomic Research Centre, Mumbai regularly organize workshops/schools on neutron scattering in order to enhance awareness and train the University scientists in the field of neutron scattering and to create a dedicated group of researchers in this field. The present school is eighteenth in this series and will be held during October 28 to November 1, 2018 at BARC, Mumbai.

Scope of the School

The school will cover various aspects of neutron scattering. The participants of this school will get opportunity to carry out neutron scattering experiments at the National Facility for Neutron Beam Research (NFNBR), Dhruva Reactor, BARC in addition to the theory lectures. The lectures will include basics of neutron scattering, structural studies of crystalline, amorphous, and magnetic materials using neutron diffraction, studies of dynamics in condensed matter using neutron inelastic and quasi-elastic scattering, applications of small angle neutron scattering, neutron reflectometry, among others.

This school is open to faculty and research scholars from Universities and Institutes who wish to use neutron scattering techniques in their research areas.

Interested persons should send the completed application in the form (available at <https://sites.google.com/view/18npcm2018/home>) by Email to 18npcm2018@gmail.com on or before September 5, 2018. Local hospitality will be provided. Financial assistance for travel by gov. transport as per CSR rules but limited to 3AC for students and 2AC for faculty, may be available on specific request.

Coordinators

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APPLICATIONS MUST BE SENT TO 18npcm2018@gmail.com

LAST DATE FOR APPLICATION: SEPTEMBER 5, 2018

Kindly bring this to the attention of your colleagues