



Thematic workshop on Physics at Low Temperature and High Magnetic Field

29-30 May 2019

UGC DAE Consortium for Scientific Research,
University Campus Khandwa Road, Indore- 452001, M.P.



UGC-DAE Consortium for Scientific Research is organizing a thematic workshop on “**Physics at Low Temperature and High Magnetic Field (LTHM)**” in association with Indian Physics Association (IPA), Indore chapter. Since its inception, Consortium has been active in the field of Low Temperature Physics & Cryogenics, in seeking in-depth knowledge and out of box ideas in research on variety of materials having rich fundamental Physics including Superconductors, Heavy Fermion Materials, Shape Memory Alloys, Magnetocaloric materials, Manganites, Multiferroics, Chalcogenides, Intermetallic alloys, Strongly Correlated Systems etc.

There are various state of art LTHM measurement systems in the consortium like Resistivity, Magnetoresistance, Specific heat, Thermopower, Hall effect, Magnetization, ac-Susceptibility, Dielectric, Mössbauer, MOKE, MFM, XRD, XMCD LT STM, ESCA and Raman measurements etc. These advanced facilities are utilized by a large number of users from various universities and higher education institutes countrywide.

This thematic workshop focuses on the developmental and current research work using the low temperature and high magnetic field facilities at UGC-DAE CSR centres. In this workshop, invited lectures by experts and CSR users of LTHM facilities will be delivered; highlighting the work done using these facilities.

Those interested to present their work may send an abstract to conference@csr.res.in, latest by 15 May 2019. There is limited support available for the travel (limited to AC-3Tier) and the local hospitality.

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