

ICTS MONTHLY COLLOQUIUM

INTERMEDIATE ENERGY SPIN DYNAMICS

The dynamics of quantum spin systems beyond the 'universal' low-energy/ long-wavelength regime is only poorly explored, despite the fact that plenty of experimental data has become available thanks to recent advances in neutron scattering technology. This talk focuses on 'generic' properties of the intermediate energy regime, in particular properties of magnets in or near topological phases.

Roderich Moessner

Roderich Moessner is a condensed matter physicist and currently serves as one of the directors of the Max Planck Institute for the Physics of Complex Systems in Dresden, Germany. His research focuses on the physics of strong fluctuations in many-body systems due to frustration, competing degrees of freedom or quantum fluctuations.

Moessner received his PhD from the University of Oxford and is a recipient of Germany's most prestigious research funding prize- Gottfried Wilhelm Leibniz Prize in 2013.

3.30 pm,
7 January, 2020
Ramanujan Hall
ICTS Bengaluru

