

Horizon Lecture
By
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Topic: Ordering in Confined Geometry: Investigation of Fundamental Ideas with Nano-materials

Abstract: Ordering of materials, electrons and spins in confined geometries like two-dimensional liquid-liquid interface or interfaces of multilayered structures and one-dimensional nano-tubes produce fascinating phenomena and can be probed very efficiently with nano-structured materials. These experimental investigations help us to improve existing theoretical ideas and also generate applicable materials for various technologies. We shall discuss here with four of our recent results the effect of nano-confinement in structural ordering of such systems.

Date: 07-05-2015

Time: 4:00 pm

Venue: KBR Auditorium, Tezpur University