

COLLOQUIUM

Dynamics of soft interfaces, real and imagined

Abstract: Interfaces are sometimes imagined objects which conjure up different images in different contexts. They represent boundaries between real but dissimilar objects, have an identity of their own and typically 'live' in dimensions greater than their own. They are distinct from the objects they separate, but share some of their attributes. They become more dominant as physical systems become smaller or more inhomogeneous or environmentally more constrained. In this lecture, he will discuss the usefulness of imparting reality to imagined interfaces in some natural phenomena, focusing on a simple system that might be called "marginally glassy".

By

Prof. Sabyasachi Bhattacharya

Tata Institute of Fundamental Research, Mumbai

Professor Sabyasachi Bhattacharya is a physicist and works on dynamical aspects of disordered condensed matter systems. He is a Distinguished Professor at the Tata Institute of Fundamental Research (TIFR) of which he was the former Director. Professor Bhattacharya received his B.Sc. at the Presidency College, Kolkata, M.Sc. at the University of Delhi, and his Ph.D. at Northwestern University, all in Physics. He has published more than 100 research papers in refereed journals.

Day & Date : Tuesday, September 16, 2014

Time : 4.00 p.m.

Venue : Seminar Room PF-AG-14, Prefabs, Near Annabhau Sathe Bhavan University of Mumbai, Vidyanagari, Kalina Campus, Mumbai - 400 098

All are Welcome