

Area Seminar

Title	'Rogue' Ocean Optics: The story of Peregrine Solutions
Date and Time	30/10/2013 11:30:00
Speaker	Prof. Prashanta K. Panigrahi Professor IISER, Kolkata
Area	Theoretical Physics
Venue	Room No. 469
Abstract	Rogue waves are 'walls of water' in ocean, which appear from no-where and vanishes fast, leaving no trace behind'. These has been observed in optical fibers and are being harnessed for generating super continuum, an extremely broad band source of light. They are descibed by the well-known non-linear Schrodinger equation. We will illustrate their structure and means of controlling their transient excitations.