Area Seminar

Title	Evidence for leptonic CP phase from NOVA, T2K and ICAL
Date and Time	26/06/2014 16:00:00
Speaker	Monojit Ghosh PRL
Area	Theoretical Physics
Venue	Room No. 469
Abstract	The phenomenon of neutrino oscillation is now well understood from the solar, atmospheric, reactor and accelerator neutrino experiments. This oscillation is characterized by a unitary PMNS matrix which is parametrized by three mixing angles and one phase known as the leptonic CP phase. Though there are already significant amount of information about the three mixing angles but the CP phase is still unknown. In my talk I will describe the synergy between the long-baseline (LBL) experiment NOVA, T2K and the atmospheric neutrino experiment ICAL@INO for obtaining the first hint of CP violation in the lepton sector.