

Area Seminar

Title	Neutrino oscillation and present status of sterile neutrino
Date and Time	08/11/2012 16:00:00
Speaker	Monojit Ghosh
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Area	Theoretical Physics
Venue	Room No. 469
Abstract	<p>Neutrino oscillation in standard three flavor picture is now well established from solar, atmosphere, reactor, and accelerator neutrinos. The mass squared differences governing these oscillations are $\tilde{10}^{-4}$ and 10^{-3} eV2. But recent experimental data is indicative of oscillations governed by mass squared differences \sim eV2. This requires addition of a fourth light neutrino which must be a sterile. In my talk I will briefly describe the neutrino oscillation in vacuum and present status of sterile neutrino.</p>