

Department of Theoretical Physics

Special Free Meson Seminar

<i>Speaker</i>	:	Sanjib Agarwalla (IFIC Valencia)
<i>Topic</i>	:	Hunt for the Sterile Neutrinos: Present Status and Future Prospects
<i>Day, Date & Time</i>	:	Tuesday, January 17, 2012 at 11:30 a.m.
<i>Place</i>	:	Theoretical Physics Seminar Room (A304)

Abstract

First I will review the indications in favor of short-baseline neutrino oscillations, which require the existence of one or more sterile neutrinos. Then I will present the results of fits of short-baseline neutrino oscillation data in 3+1 and 3+2 neutrino mixing schemes. Finally I will discuss some powerful future probes to pin down the issue of sterile neutrino oscillation.

(Nilmani Mathur)