

Area Seminar

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| Title | Hunt for the Sterile Neutrinos: Present Status and Future Prospects |
| Date and Time | 24/01/2012 16:00:00 |
| Speaker | Dr. Sanjib Agarwalla |
| Area | Instituto de Física CorpuscularCSIC-Universitat de Valencia, Spain |
| Venue | Theoretical Physics Room No. 469 |
| 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. |