THEORETICAL PHYSICS SEMINAR

Title: Seesaw mechanism of Neutrino mass generation and some TeV scale variants : A review

Speaker: K. Vishnudath, THEPH PRL

Date/Time/Venue: 24rd June (Friday)/2:30 PM/ Room No. 469

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Tea will be served at 3:30pm outside Room 469
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ABSTRACT

In spite of their weakly interacting nature, we have so far accumulated an enormous amount of knowledge about neutrinos. From neutrino oscillation experiments, we learned a few years ago that neutrinos are massive and flavours are mixed. However, we still do not know the absolute values of their masses. Seesaw mechanism is considered to be one of the most natural approach toward understanding the sub-eV neutrino mass scale. In my talk,I will review the seesaw mechanism of neutrino mass generation and some of its proposed TeV scale variants, including seesaw mechanisms in Left-Right symmetric models.

All are welcome to attend