

Area Seminar

Title LR symmetry Reloaded

Date and Time 06/12/2012 16:00:00

Speaker Dr. Joydeep Chakrabortty

Physical Research Laboratory, Ahmedabad

Area Theoretical Physics

Venue Room No. 469

Abstract Left-Right symmetry is one of the popular and interesting model around TeV scale. This model is phenomenologically interesting in sens that the scale of this theory is around TeV within well reach of the Large Hadron Collider (LHC) and this model can be embedded in some high scale Grand Unified groups, like $SO(10)$, $E(6)$. I will discuss the impact of low energy constraints on the model parameters. The contribution to Neutrinoless Double Beta Decay process will be discussed in Type-I and Type-II seesaw dominant cases. I will briefly hint the connection and possible contribution to Lepton Flavour Violating processes in Left-Right symmetric Model.