ID de Contribution: **772** Type: **Poster**

One-loop finite corrections to seesaw neutrino masses

In the standard seesaw mechanism, finite corrections to the neutrino mass matrix arise from one-loop self-energy diagrams mediated by a heavy neutrino. In this talk I will discuss the impact that these corrections may have in the different entries of the tree-level neutrino mass matrix, paying special attention to their dependence with the seesaw model parameters. It will be shown that due to their large size any reliable treatment of the seesaw parameter space should include such corrections.

Auteur principal: ARISTIZABAL, Diego (Universite de Liege)

Orateur: ARISTIZABAL, Diego (Universite de Liege)

Classification de thématique: Neutrino Physics