



Contribution ID : 33

Type : **Parallel Talk**

Tensorial Non Standard and Unparticle interactions in neutrino-electron Scattering.

Tuesday, 25 October 2011 18:00 (0:30)

Abstract content

We analyze the neutrino electron scattering off electrons and obtain constraints on tensorial couplings. We have studied the non standard interactions formalism as well as the unparticle stuff case. For our analysis we have focused on the recent TEXONO collaboration results. We have obtained new constraints to possible tensorial couplings in both new physics formalisms.

Summary

Primary author(s) : GARCES, Estela (Departamento de Física, Centro de Investigación y de Estudios Avanzados del IPN)

Co-author(s) : Dr. BARRANCO, Juan (Division Ciencias e Ingenierias Campus Leon); Dr. BOLANOS, Azucena (Facultad de Ciencias Físico Matemáticas, Benemérita Universidad Autónoma de Puebla); Dr. MIRANDA, Omar (Departamento de Física, Centro de Investigación y de Estudios Avanzados del IPN); Dr. RASHBA, Timur (Max-Planck-Institute for Solar System Research)

Presenter(s) : GARCES, Estela (Departamento de Física, Centro de Investigación y de Estudios Avanzados del IPN)

Session Classification : Electroweak and Flavor Physics

Track Classification : Electroweak and Flavor Physics