

**Session Program**

**29 November 2021 to 3 December 2021**



**6th ComHEP: Colombian Meeting on High  
Energy Physics**

***Neutrinos - Theory***

# Wednesday 1 December

14:00

## Neutrinos - Theory

**Session** | **Location:** | **Conveners:** David Vanegas Forero, Mario A Acero, Enrique Arrieta Diaz

14:00–14:30 **Neutrino Physics**

**Speaker**

Andre De Gouvea

14:30–15:00 **Overview of Supernovae Neutrinos**

**Speaker**

Cecilia Lunardini

15:00–15:30 **Neutrino magnetic moments**

**Speaker**

Omar Miranda

15:30–15:50 **Universal inverse seesaw and radiative neutrino masses.**

**Speaker**

Antonio Enrique Cárcamo Hernández

15:50–16:10 **Break**

16:10–16:30

**Long-lived charged particles and multi-lepton signatures from neutrino mass models**

**Speaker**

Dr Arbelaez Carolina

16:30–16:50

**Lepton number constraints from loop corrections to light neutrino masses in the low-scale SUSY Seesaw**

**Speaker**

Omar Suarez-Navarro

16:50–17:10

**Searching for light long-lived neutralinos at Super-Kamiokande**

**Speaker**

Mr Pablo Candia

17:10–17:30

**Dark Matter decay to neutrinos**

**Speaker**

Diyaselis Delgado Lopez

17:30–17:35

**Neutrino-nucleus coherent elastic scattering as a test of the standard model and the search for new physics.**

**Speaker**

Blanca Cecilia Cañas Orduz

17:35-17:40

**La dispersión (anti)neutrino-electrón como estudio de interacciones no estándares del neutrino**

**Speaker**

Mrs Ninibed Yelitza Gonzalez Villamizar

17:40-17:45

**PRUEBAS AL MODELO ESTÁNDAR POR MEDIO DE LA DISPERSIÓN ELÁSTICA COHERENTE NEUTRINO-NÚCLEO**

**Speaker**

Mr Neider Yesith Olivo Marcelo

17:45-17:50

**Oscilaciones de neutrinos: un análisis cualitativo**

**Speaker**

Silvia Lucia Correa Angel

18:30