

Session Program

29 November 2021 to 3 December 2021



6th ComHEP: Colombian Meeting on High Energy Physics

Astroparticles - Cosmology

Thursday 2 December

08:00

Astroparticles - Cosmology

Session | **Conveners:** Blanca Cañas, Alexander Moreno Briceño

08:00–08:30 **Cosmology with Supernovae**

Speaker

Santiago Gonzalez-Gaitan

08:30–09:00

Astrophysics and beyond the Standard Model with the NOvA neutrino experiment

Speaker

Matthew Strait

09:00–09:30

Astroparticles, some efforts in Chiapas, Mexico

Speaker

Karen Salome Caballero Mora

09:30–09:45

Break

09:45–10:05

Modified gravity, generalized SU(2) Proca theory, and inflation

Speaker

Yeinzon Rodriguez Garcia

10:05–10:25

Extended SU(2) Proca theory

Speaker

Carlos Nieto

10:25–10:45

Anisotropic Scalar Field Dark Energy with a Disformally Coupled Yang-Mills Field

Speaker

Gabriel Gómez

10:45–11:05

Scale Invariant FIMP Miracle

Speaker

Basabendu Barman

11:05