## XVIII International Conference on Topics in Astroparticle and Underground Physics (TAUP 2023)



Contribution ID: 91

Type: Parallel talk

## New physics implications of COHERENT data

Tuesday 29 August 2023 16:00 (15 minutes)

The observation of coherent elastic neutrino nucleus scattering (CEvNS) has opened the window to many physics opportunities. In this talk I will discuss the implication of the observation of CEvNS by the COHER-ENT Collaboration using two different targets, CsI and argon, on new physics scenarios. These include, for instance, new light mediators.

## Submitted on behalf of a Collaboration?

No

Primary author: Dr DE ROMERI, Valentina (IFIC CSIC/UV (Valencia, Spain))Presenter: Dr DE ROMERI, Valentina (IFIC CSIC/UV (Valencia, Spain))Session Classification: Neutrino physics and astrophysics

Track Classification: Neutrino physics and astrophysics