

The ANDES project

Tuesday 15 November 2022 12:00 (50 minutes)

ANDES (Agua Negra Deep Experiment Site) is an underground laboratory proposed to be built inside the Agua Negra road tunnel that will connect Chile (IV Region) with Argentina (San Juan Province) under the Andes Mountains. The Lab will be 1750 meters under the rock, becoming the 3rd deepest underground lab in the world, the first in South America and the largest in the Southern Hemisphere. ANDES will be an international Lab, managed by an international Consortium. It will host experiments in Particle Physics such as Neutrino and Dark Matter detection, in Geophysics, Seismology and Biology. It will also promote the development of low background instrumentation. In this talk we will present general features of the proposed Lab, the current status of the project.

Poster fallback option for rejected abstracts for parallel oral presentations

Does not apply

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Session Classification: Plenary session

Track Classification: Dark matter physics