

The ANDES Underground Laboratory Project

This talk will be devoted to the presentation of the ANDES underground laboratory project, which is a component of the Agua Negra Tunnel road complex, a 14 Km long tunnel under the Andes high mountains connecting Argentina and Chile. We shall talk about the motivations, prospects and design of this facility, which will be the first of its type in the southern hemisphere. The lab will be located at the deepest site under the mountains and the place is shield by about 5000 m.w.e.. The physics involved, as well as other potential applications to biology, geology and material sciences, are discussed.

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