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ANDES: the future Latin American deep underground laboratory

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In this talk I will present the project of creation of the first deep underground laboratory in the tunnel Agua Negra that will be connecting Argentina and Chile. This project profits from the construction of the highway linking two countries under the Los Andes mountain range. The depth of the tunnel provides an important cosmic ray shielding which opens vast possibilities to perform experiments in fundamental physics. The ANDES laboratory, planned as the first deep underground site in the Southern Hemisphere, will have a particular merit of providing complementary information to what is currently being learned from the existing laboratories in the Northern Hemisphere.

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