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Underground Lab activities in the Southern Hemisphere

Tuesday 16 January 2024 13:15 (20 minutes)

I will discuss the direct search for dark matter within the southern hemisphere, with the SABRE and Cygnus experiments. The SABRE experiment is the first dual-sited direct detection experiment. The Northern Hemisphere experiment will be hosted at Laboratori Nazionali del Gran Sasso.

I will also discuss the physics program of the first underground physics laboratory of the Southern Hemisphere, SUPL (Stawell Underground Physics Laboratory) the first-ever integrated underground laboratory in Australia.

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