

Low Background Methods in Underground Astroparticle Physics

Thursday 27 July 2017 11:00 (30 minutes)

The detection of rare solar neutrino signals in deep underground laboratories has confronted background challenges for more than 50 years beginning with the famous Chlorine experiment. In this talk I will review the successful background strategies employed for solar neutrino measurements, up to the present, and will summarize related strategies for background suppression for direct detection searches for dark matter particles and for neutrino-less double beta decay.

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Session Classification: Low Background Plenary

Track Classification: Labs and Low Background