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The Neutrino Floor

Monday, 11 November 2019 16:30 (30 minutes)

WIMP detectors in the 2020's will approach the sensitivity at which scatters of natural neutrinos will create a background sufficient to obscure the WIMP recoil signal. This is the so-called "Neutrino Floor". This talk will discuss the nature of the neutrino floor and the motivations to get to it, and to potentially go beyond it.

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