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EXCESS workshop: a community effort towards understanding low energy excesses

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Many low-threshold experiments observe sharply rising event rates of yet unknown origins below a few hundred eV, and larger than expected from known backgrounds. Due to the significant impact of this excess on the dark matter or neutrino sensitivity of these experiments, a collective effort has been started to share the knowledge about the individual observations. For this, the EXCESS workshop was initiated. Its fourth iteration is part of the TAUP 2023 conference as a satellite workshop, and we will report a summary of the event, conclusions, and further plans in this contribution.

Submitted on behalf of a Collaboration?

Yes

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