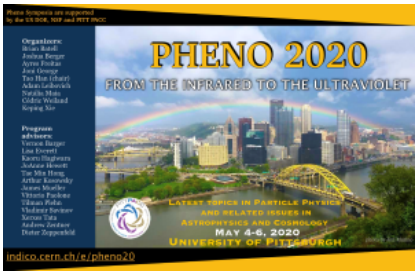

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Probing New Physics with Standard Double Beta Decay

Tuesday 5 May 2020 14:00 (15 minutes)

The non-zero neutrino masses and the possibility of New Physics discovery drive the hunt for neutrinoless double beta decay. While searching for this hypothetical nuclear process, a significant amount of the two-neutrino double beta decay data has been collected by a number of experiments. While these events are from the particle physics viewpoint regarded and studied mainly, if not merely, as the background of neutrinoless double beta decay, they can be also used to probe physics beyond the Standard Model and that will be the focus of my talk.

Summary

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