Phenomenology 2025 Symposium



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Proton decay into light new particles

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Light new particles could be emitted in nucleon decays if they have baryon-number-violating couplings. Even though they usually leave the detector as missing energy, interesting signatures can arise in such decays in underground detectors such as Super-Kamiokande and DUNE. In the particularly simple case of light sterile neutrinos, nucleon decays can even be an efficient production mechanism that leads to characteristic displaced decay signatures.

Mini Symposia (Invited Talks Only)

Plenary (Invited talks only)

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