



Contribution ID: 114

Type: **Workshop Talk**

Nuclear structure for fundamental symmetry tests: Probing the quark and neutrino sectors with low-energy stable beams

Tuesday, 25 November 2025 10:00 (25 minutes)

Nuclear structure plays a critical role in fundamental symmetry studies that probe physics beyond the Standard Model. In this talk, I will discuss nuclear structure investigations performed with low-energy stable beams at tandem accelerator facilities, emphasizing their relevance to symmetry tests in both the quark and neutrino sectors. Examples will include measurements relevant for searches of second-class currents and neutrinoless double-beta decay.

Primary author: TRIAMBAK, Smarajit (University of the Western Cape)

Presenter: TRIAMBAK, Smarajit (University of the Western Cape)

Session Classification: Workshop

Track Classification: Workshop Talks