## MEDEX'25



Contribution ID: 37

Type: Oral presentation

## Calculation of kinematic factors for beta and double-beta decays

Monday, June 23, 2025 11:15 AM (30 minutes)

The kinematic factors in beta and double-beta decays are essential for understanding the decay rates, energy distributions and angular correlations of the emitted leptons, and also represent a testing ground for various BSM effects. Thus, their accurate calculation is very needed as theoretical support for experiments. In my talk I'll give a review of the present status of these calculations including various new effects that can alter the electron spectra and may be signals for new physics.

Primary author: STOICA, Sabin (International Centre for Advanced Training and Research in Physics)Presenter: STOICA, Sabin (International Centre for Advanced Training and Research in Physics)Session Classification: Theory

Track Classification: Theory