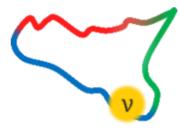
WORKSHOP: Multi-Aspect Young-ORiented Advanced Neutrino Academy (MAYORANA) - International Workshop II edition



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Neutrino physics from gamma-ray spectroscopy

Wednesday, 18 June 2025 10:30 (20 minutes)

Nuclear matrix elements (NMEs) are crucial for understanding weak interaction processes such as inverse beta decay (IBD) and neutrinoless double-beta decay ($0\nu\beta\beta$), which provide insights into neutrino properties and physics beyond the Standard Model. A novel experimental approach aims to extract NMEs using electromagnetic (EM) transitions from isobaric analog states (IAS). In this talk, I will present the feasibility of a dedicated campaign, envisioned to take place at the Laboratori Nazionali di Legnaro in the near future.

Primary author: STRAMACCIONI, Damiano (Istituto Nazionale di Fisica Nucleare)

Presenter: STRAMACCIONI, Damiano (Istituto Nazionale di Fisica Nucleare)

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