## **European Nuclear Physics Conference 2025**



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## Searches for exotic currents in nuclear beta decay

Searches for signatures of new physics involve many probes, in particular at low energies, beyond those accessible at high-energy colliders. Those searches also include charged current processes such as nuclear beta decay and electron capture.

In this presentation, I will review current efforts searching for new physics in nuclear beta decay and I will retrace the progress achieved so far in terms of constraints on exotic couplings.

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