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## Distinguishing LNV scalars at the LHC

Lepton number violating scalars decaying into lepton pairs, as those mediating the see-saw of type II, always include doubly -charged components. If these are observed at LHC, their quantum numbers can be determined accounting for their leptonic decays in pair and single production.

**Primary author:** Prof. DEL AGUILA, Francisco (University of Granada (ES))

**Co-author:** RODRIGUEZ CHALA, Mikael (LIP Laboratorio de Instrumentacao e Fisica Experimental de Particu)

**Presenter:** Prof. DEL AGUILA, Francisco (University of Granada (ES))