

## 30 years of strong interactions: a three-day meeting in honor of Joseph Cugnon and Hans-Jürgen Pirner

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### Why neutrinos are different

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We show that the supposed Majorana nature of neutrinos is intimately linked to the presence of large mixing angles between families. This follows simply from Lorentz invariance in an extended (6-dimensional model). The approach predicts in addition an “Inverted Hierarchy” between neutrino masses, mitigated however by a large “pseudo-Dirac” compensation, which limits the rate of neutrinoless nuclear double beta decay.

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