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## **Implications of the abnormal neutrino mass ordering on the lepton flavor mixing structure**

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**Abstract:** Both up- and down-type quarks have the normal mass hierarchies, and this fact coincides with the observed structure of quark flavor mixing. While the charged lepton mass spectrum have a similar feature, it remains unclear whether the neutrino mass ordering is normal or not. In this talk we discuss various phenomenological implications of the abnormal neutrino mass ordering, and comment on its naturalness or unnaturalness from a point of view of model building. We argue that the observed pattern of lepton flavor mixing appears to favor the normal neutrino mass ordering in the large tau mass limit. A comparison between the lepton and quark flavor mixing structures is also made.

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