

Neutrino Physics with a Hadronic Connection

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Among the possible scalar bilinears of the Standard Model, those involving neutrinos play a special role. They imply the existence of leptoquarks and together with diquarks, they provide a two-loop mechanism for neutrino mass. Neutrinos may also interact with the dark-matter sector, which may consist of particles analogous to scalar quarks. Production and decay of these particles at a future hadron collider may reveal the true nature of dark matter.