

The knowns and unknowns of Neutrinos

Sunday 3 February 2019 18:30 (50 minutes)

In this talk the goal is to bring out why neutrinos hold a prominent place in today's physics. The neutrino is uncharged and interacts very weakly. As a consequence, over long distances it is a faithful messenger for information about its source, e.g., the sun. But the weakness of its interaction also makes neutrinos quite difficult to detect. The story of the neutrino is exciting and is yet to reach its completion. In this introductory talk, meant for non-experts, we discuss how we arrived at the present state of our knowledge about neutrinos and indicate the open issues which are being actively pursued.

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