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Neutrino Cosmology: current status and future prospects

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Neutrino unknowns are clear gateways to new physics. Cosmology offers a unique arena to unveil neutrino secrets in a way that is separate from, but complementary to astrophysical and terrestrial searches. The next generation of cosmological surveys will supersede the current, which is already highly sensitive to neutrino fundamental properties. I will present the state of the art, summarise future prospects and comment on the main challenges in neutrino cosmology.

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