

The ν Frontier – Challenges and Opportunities in Neutrino Physics

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"Neutrinos have come a long way: once considered impossible to detect, they now take center stage in particle physics, astrophysics, and cosmology. In this talk, we will highlight how precision neutrino physics is shaping our understanding of nature at both, the smallest and the largest scales. Along the way, we will highlight several exciting theoretical challenges we face in modern neutrino physics."