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Neutrinos in Astrophysics

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Neutrinos are the most abundant of the known elementary particles in our Universe and carry unique information on astrophysical properties: Big Bang nucleosynthesis, the metallicity of the sun, the dynamics of Supernova explosions, ultra high energy neutrinos from active galactic nuclei...to name a few. I will present a brief summary of the role of neutrinos as astrophysical probes, what astrophysics and cosmology can tell us about neutrinos and give some brief updates of the latest results from astrophysical neutrino experiments and planned future experiments.

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