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Cosmic Neutrino Searches at High Elevations[1]

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Cosmic neutrinos probe astrophysics and fundamental physics at scales far beyond the reach of terrestrial accelerators or other cosmic messenger particles. The low expected flux of cosmic neutrinos drives the need for neutrino experiments to achieve larger exposures. Radio experiments can achieve such large exposures by taking advantage of the coherent broadband radio emission resulting from neutrino interactions as well as the large volumes visible from high elevations. In this talk, I will review results from current and future high-elevation radio experiments and discuss future concepts aimed at understanding cosmic engines and exploring particle interactions at the highest energies.

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