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The Highest Energy Cosmic Neutrinos

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Abstract content

Since the last cosmic ray meeting we have witnessed the commissioning of a suite of experiments that have the possibility to detect neutrinos from sources beyond the sun. They will open a window on the Universe spanning from sub-TeV energy to energies beyond EeV. We anticipate the observation of supernova remnants at the lowest energies, provided that these are indeed the sources of the galactic cosmic rays. At the highest energies the detection of neutrinos produced by extragalactic cosmic rays with microwave photons is expected. Mostly, we hope to pinpoint their sources: gamma ray bursts, active galaxies, or anything else. We will review the status of the experiments, emphasizing the progress of acoustic and radio techniques at the highest energies.

If this papers is presented for a collaboration, please specify the collaboration

Summary

Reference

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