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Recent developments in radio detection of neutrinos

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Creating detectors with sufficient effective volumes to efficiently detect neutrinos above PeV energies requires the use of radio detectors. Using transparent media such as ice allows for the cost-effective construction of large detectors, owing to the large attenuation length of the order of 1 km.
Any particle interaction creating a shower above PeV energies leads to measurable radio emission, inheriting characteristics of the shower profile. This makes radio detectors sensitive to various interactions and processes.
I will review current developments, concrete construction plans, sensitivities, and proposed detectors.

Summary

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