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Status of the Trinity PeV Neutrino Observatory

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The Trinity Neutrino Observatory aims to detect tau neutrinos in the energy range of 1 PeV to 10 EeV. We are developing the observatory in three stages. The first stage, known as the Trinity Demonstrator, was deployed in Fall 2023. The Demonstrator serves as a pathfinder for the full observatory and will inform the design of the first Trinity Telescope. In this presentation, I will discuss the status and initial results of the Trinity Demonstrator, as well as provide an update on the development of the next stage, Trinity One, which will be a leading instrument for observing neutrino point sources.

Collaboration(s)

Trinity Collaboration

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