

Contribution ID: 17

Type: not specified

## **Tritium for cosmic neutrino detection with Ptolemy**

Wednesday, May 24, 2023 11:20 AM (25 minutes)

The Ptolemy experiment plans to observe the cosmic neutrino background through neutrino capture on a tritium target. It is currently in the R&D phase. We present an overview of the design and the current state of the experiment and more recent results on the tritium target.

Author: Prof. DE GROOT, Nicolo (Radboud University and Nikhef)Presenter: Prof. DE GROOT, Nicolo (Radboud University and Nikhef)Session Classification: Neutrino physics with Tritium and atomic sources

Track Classification: Oral presentations