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Recent results from the Askaryan Radio Array (ARA) experiment[1] JORGE TORRES, Ohio State Univ - Columbus, BRIAN CLARK, Michigan State University, MING-YUAN LU, University of Wisconsin - Madison, ASKARYAN RADIO ARRAY (ARA) COLLABORATION — Aiming at detecting ultra-high energy (UHE) neutrinos ($E_\nu > 10^{17}$ eV), ARA is an experiment based at the South Pole consisting of antenna stations buried deep in the ice ($\sim$ 200 m). These antennas are designed to detect radio waves emitted by relativistic particle showers that are byproducts of UHE neutrino interactions with ice. In this talk, I will discuss the latest results of a search for a diffuse flux of UHE neutrinos with four years of data from two stations. This work resulted in the best limit set by an in-ice radio experiment above $\sim 10^{17}$ eV.

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Jorge Torres
Ohio State Univ - Columbus

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