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Model-Dependent and Independent Stacking Search for Seyfert Neutrino Emission with the KM3NeT/ARCA and ANTARES Detectors

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Searching for high-energy neutrino emission from Seyfert Galaxies has become paramount since the IceCube evidence of neutrino emission from NGC 1068. In this contribution, we present a binned likelihood stacking search for Seyfert Galaxies,

exploiting both KM3NeT/ARCA and ANTARES data. First, we perform a model-dependent search, testing the state-of-the-art hot corona neutrino modelling for 9 local

Seyfert Galaxies. Furthermore, we consider a model-independent search constructing a catalogue of 30 Seyfert Galaxies using the B.A.S.S. AGN catalogue. We present the 90% sensitivity for these scenarios, constraining the emissions of these galaxies.

Poster prize

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