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Recent developments in the construction of a line array projector for the calibration of Acoustic Neutrino Telescopes

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Recent developments in the construction of a line array projector for the calibration of Acoustic Neutrino Telescopes

Summary

The existing line array calibrator developed for the ACoRNe collaboration lacks sufficient power to be reliably detected from a range over several kilometres needed for the calibration of acoustic arrays associated with ANTARES and the planned KM3NET. The calibrator is currently being upgraded to increase the transmit strength by a minimum of 20dB. Recent design, simulation and laboratory tests will be presented.

Primary author: Prof. DANAHER, Sean (Northumbria University)

Presenter: Prof. DANAHER, Sean (Northumbria University)

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