



Poster session 2 – Tuesday 5 July

P2.008 First results from two deep Askaryan Radio Array stations

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The Askaryan Radio Array (ARA) is a planned detector for ultra-high energy cosmogenic neutrinos, utilizing Askaryan radio emission from neutrino-induced cascades. With this detection method, several gigatons of South-Pole glacial ice will act as the detector medium with the ability to discover neutrinos with energies above 10 PeV. These neutrinos carry particularly interesting information about highest energy processes in the universe. The detector is planned to consist of 37 independent widely separated antenna clusters. Currently three stations are deployed in the ice recording transient radio events, with two more stations assembled for deployment in the austral summer of 2017-18. The first analysis results from data recorded by two ARA stations in 2013 are shown here.