

Study the Signature of Ultra High Energy Neutrino Interactions in Matter

The ultra-high energy neutrinos play one of the most important acts in astroparticle physics. There are many experiments on going and proposed to detect them. We study the radio/acoustic signal from UHE neutrino induce particle showers by using ab initio method in time domain. Our study can provide general rule for radio/acoustic detector design and deploy.

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