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PeV Cascades in IceCube

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Recently the IceCube neutrino telescope detected two cascade events with energies around 1 PeV. Without invoking new physics in the neutrino sector, we analyze the source of these neutrinos and prescribe ways to distinguish between the various sources giving rise to these events.

Primary author: Mr LAHA, Ranjan (Ohio State University)

Co-authors: Dr DASGUPTA, Basudeb (ICTP, Trieste); Prof. BEACOM, John (Ohio State University); Dr

MURASE, Kohta (IAS, Princeton); Dr HORIUCHI, Shunsaku (UC Irvine)

Presenter: Mr LAHA, Ranjan (Ohio State University)

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