

Abstract Submitted
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Multimessenger Astronomy with IceCube NAOKO KURAHASHI NEILSON, Drexel University, ERIK BLAUFUSS, University of Maryland, ICE-CUBE COLLABORATION — IceCube detects high energy neutrinos in the 100 GeV to PeV range at the geographic South Pole. A crucial tool in searching for sources of astrophysical neutrinos is multimessenger astronomy. I will cover how IceCube uses gamma-ray, x-ray, optical, UHECR, and gravity wave data in different analyses. An important component of the multimessenger campaign is the development of realtime alerts that are shared with the astroparticle physics community. Future multimessenger capabilities with IceCube will also be discussed.

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