

Abstract Submitted
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Recent IceCube Results for Diffuse Neutrinos and Future Outlook CHRISTOPHER WEAVER, University of Wisconsin, Madison, ICECUBE COLLABORATION — The IceCube Neutrino Observatory has recently seen high energy neutrino events not consistent with conventional atmospheric neutrino predictions and which may derive from a prompt atmospheric component or from astrophysical sources (although they appear unconnected to a GZK spectrum). In this talk I will discuss how these results may be extended with newly available data from the detector in both its complete and almost complete configurations to better evaluate the key spectral region of muon neutrinos around 100 TeV.

Christopher Weaver
University of Wisconsin, Madison

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