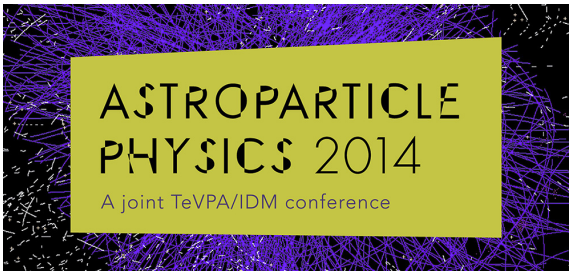

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Galactic Sources of High-Energy Neutrinos

Tuesday, June 24, 2014 2:30 PM (20 minutes)

The recent IceCube observation of astrophysical neutrinos in the TeV-PeV energy range has opened a new window to the high-energy Universe. The origin of this flux is unknown. Cosmic neutrinos at PeV energies are produced by hadronic interactions of cosmic ray (CR) nucleons at 20-30 PeV and can possibly be related to a Galactic source population. I will review Galactic candidate sources of high-energy neutrino emission in general and comment on possible connections to the IceCube results.

Primary author: AHLERS, Markus

Presenter: AHLERS, Markus

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