

High-energy Neutrinos and Gamma-rays from the Galactic Plane

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The high-energy (TeV-PeV) diffuse emission from our Galactic Plane has been recently measured both in gamma-ray and in neutrinos from several detectors. In this talk I will review the information that can be derived exploiting these observations and the different open questions raised by the comparison of theoretical expectations and the experimental data. In particular, the interaction of cosmic rays with the gas contained in our Galaxy is a guaranteed source of correlated diffuse high energy neutrinos and gammas. Additional contribution could be due to Galactic sources that are not resolved by actual experiments and their contribution to the diffuse emission could be of big interest

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