

Dark Ghosts - 3rd GNN Workshop on Indirect Dark Matter Searches with Neutrino Telescopes



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Charon: A Tool for Neutrino Flux Generation from WIMPs

Indirect searches for signatures of corpuscular dark matter have been performed using all cosmic messengers: gamma rays, cosmic rays, and neutrinos. The search for dark matter from neutrinos is of particular importance since they are the only courier that can reach detectors from dark matter processes in dense environments, such as the core of the Sun or Earth, or from the edge of the observable Universe. In this contribution, I will introduce χ arov, a package for generating and propagating neutrino yields from dark matter annihilation and decay.

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