

Title: **Indirect search for dark matter with H.E.S.S.**

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Abstract

Some WIMP dark matter candidates produce amongst others gamma radiation in their self annihilation. The energy of these photons reaches up to the mass of the annihilating particles. For WIMPs more massive than 100 GeV atmospheric cherenkov telescopes become sensitive for these radiation energies. Large enhancements of dark matter like the centre of our galaxy or sub-galactic clumps are discussed as detectable sources of characteristic gamma radiation. Results of observations with H.E.S.S. will be presented und limits will be discussed.