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**Detecting gamma-photons by extragalactic Dark Matter  
annihilation with ground bases experiments**

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**Abstract** Under the hypothesis of a Dark Matter composed by neutralinos, we investigate the possibility of detecting their annihilation products in the galaxies of the Local Group. Expected gamma-ray fluxes crucially depend on the structure of their host Dark Matter halos.

We find that, for all reasonable choices Dark Matter halos models, the intensity of the gamma-ray flux from some of the nearest galaxies is high enough to be detected by next-generation Cerenkov telescopes.