Study of the Galactic Center region with the ANTARES neutrino telescope

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The measurements of astrophysical neutrinos by the IceCube collaboration are consistent with an isotropic flux but also contain some indications of a North/South asymmetry which could hint a galactic contribution. The ANTARES neutrino telescope has a direct view of the galactic center region and can provide complementary information on the neutrino flux from this region thanks to its excellent angular resolution. We present a study on a possible galactic contribution to the astrophysical neutrino flux using seven years of data from the ANTARES neutrino telescope. Results will be shown from probing different models for a diffuse galactic neutrino emission and also from investigating a possible transient emission in the galactic center region.