

The 2024 Chengdu Symposium on Particle Physics and Cosmology: Phase Transitions, Dark Matter and Experimental Probes (CPCS 2024)

Contribution ID: 16

Type: **not specified**

Constraining dark matter properties by astronomical observations

Sunday, 29 September 2024 11:20 (30 minutes)

Recently observed ultra diffuse dwarf galaxies or dark matter deficit dwarf galaxies may have important implications on the properties of dark matter particles. In the talk I will give explanations of the observations based on numerical simulation. It shows that the standard cold dark matter seems difficult to give a satisfied explanation to data.

Primary author: 毕, 效军 (中科院高能所)

Presenter: 毕, 效军 (中科院高能所)