

Solving core-cusp problem with Pauli exclusion principle

Tuesday, 4 December 2018 16:15 (15 minutes)

I will present a dark matter model in which the dark matter particle is a fermion with mass about 200 eV. In this mass range the Fermi pressure can solve the core-cusp problem of the dwarf galaxies and the Lyman-alpha constraints can be avoided by cooling and scattering in the dark sector.

Presenter: AN, Haipeng (Tsinghua University)

Session Classification: Parallel Session 1