

## 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.

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