Contribution ID : 171 Type : Poster

## Formation of small self-interacting dark matter component

Tuesday, 11 October 2016 15:15 (30)

In the report, self-interacting dark matter is considered. It is supposed that it can form bound states (with possible successive annihilation) due to long-range dark forces. In the course of cosmological evolution, such dark matter may form two components: "passive" one in the form bound-states and "active" (possibly small) one in the form of free dark-charged dark matter particles. Such scenario may have implications for different astrophysical and cosmological issuses.

Primary author(s): Mrs. EKATERINA, Esipova (NRNU MEPhi)

Presenter(s): Mrs. EKATERINA, Esipova (NRNU MEPhi)

Session Classification: Poster session - II

Track Classification: Nuclear physics and particle physics