

PROSPECTS IN LOW MASS DARK MATTER



Contribution ID: 21

Type: **not specified**

Ultralight dark matter

Tuesday, 1 December 2015 14:30 (45 minutes)

The dark matter of the Universe could be made of ultralight particles.

In this talk I briefly review the motivation and status of the searches for well established candidates such as axions and recently described axion-like particles, dark photons and other “Exotica”. The search techniques involved are completely different than those employed for massive dark matter candidates, and indirect effects on astrophysics and cosmology can also be quite spectacular.

Primary author: Dr REDONDO, Javier (Zaragoza University)

Presenter: Dr REDONDO, Javier (Zaragoza University)

Session Classification: Session F