PROSPECTS IN LOW MASS DARK MATTER



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Ultralight dark matter

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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 stablished 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.

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