TeV Particle Astrophysics 2017 (TeVPA 2017)



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New Direct Detection Signals from Dark Matter Bound States

Tuesday 8 August 2017 16:00 (15 minutes)

I will discuss new signatures in direct detection experiments if part or all of the dark matter particles in nature are in the form of bound states. It will allow the sub-GeV dark matter candidates to be much more visible at dark matter and neutrino detectors.

Author: ZHANG, Yue **Presenter:** ZHANG, Yue

Session Classification: Particle physics

Track Classification: Particle physics (energy frontier, intensity/precision frontier, other theory)