1st IUEP Mini-Workshop: Physics Opportunities at Future Colliders



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Energetic axion-like particles from decaying dark matter

Sunday 7 October 2018 15:20 (40 minutes)

We consider a model of decaying axino-like particle dark matter with lifetime around the age of the universe. Its late decay to gravitino plus axion-like particle is able to solve small-scale problems. We will also show a distinct signature of the axion-like particle from the axino-like particle decay.

Presenter: BAE, Kyu Jung (IBS)

Session Classification: Session 4 : Dark Matter