

New signals from dark sectors

Friday 25 May 2018 12:00 (30 minutes)

The astrophysical evidence for dark matter suggests that the standard model should be supplemented by a dark sector, containing a particle dark matter candidate. In my talk I will give an overview of new experimental signatures of non-minimal dark sectors with new interactions, in particular: emerging jets from QCD-like dark sectors at colliders, flavour violating signatures of dark pions in fixed target experiments, and gravitational wave signatures from phase transitions in the dark sector.

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Session Classification: Plenary Session