

Prospects of Higgs portal DM models at future colliders

Friday 6 July 2018 14:34 (17 minutes)

My talk will base on Higgs portal DM models with fermion, vector and scalar DMs. I will show that the LHC is unable to probe any parameter space of these models. On the other hand, in terms of four benchmark points, those model will be not only probable but also distinguishable at 500 GeV electron-positron collider and 100 TeV proton-proton collider.

Author: LI, Jinmian (KIAS)

Presenter: LI, Jinmian (KIAS)

Session Classification: Dark Matter Detection

Track Classification: Dark Matter Detection