Contribution ID: **351**   Type: **parallel talk**

Extracting Dark Matter Information at the LHC

Monday 8 May 2017 14:15 (15 minutes)

If invisible particles are produced at colliders, their information is encoded into the kinematic distributions of visible particles. Although it sounds trivial, the problem is how systematically and efficiently they can be extracted. At least for models with s-channel mediator, we provide simple method and we test it within simplified model as an example.

Summary

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Session Classification: DM I