

Roadmap of Dark Matter models for Run 3



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Beyond the Dark matter effective field theory and a simplified model approach at colliders

Tuesday, May 14, 2024 5:00 PM (15 minutes)

In this talk, I will review the importance of “Gauge invariance” in the search for Dark matter at the High Energy Collider including LHC.

The major topics I will include will be

- 1) The limit of effective field theory / simplified model approach at the High Energy collider
- 2) Dark matter showering at the High Energy collider

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