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Collider search for minimal dark matter

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Electroweakly charged dark matter always has charged partners. The mass differences between the dark matter and the partners are not so large and they often have rather long lifetime, which can be seen in the collider experiments as a disappearing track. Based on 1703.09675 and ongoing works, I will discuss the current and future constraints for the minimal dark matter.

Parallel Session

Dark Matter, Astroparticle Physics

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