

PPC 2024: XVII International Conference on Interconnections between
Particle Physics and Cosmology

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Type: **Parallel talk**

A New Window into Multi-component Dark Matter

Wednesday 16 October 2024 18:30 (15 minutes)

We explore a case of multi-particle dark matter with symmetric and asymmetric dark matter components in a model-independent approach. Starting from the Boltzmann equations for the multi-particle system, we focus on scenarios where one of the DM candidates is hidden from the visible sector. We also comment on the effect of non-standard expansion of the universe on the dark matter relic abundance.

Track type

Dark Matter

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