

Warsaw Workshop on Non-Standard Dark Matter: multicomponent scenarios and beyond

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Self-interactions of out-of-equilibrium Dark Matter

Content :

Self-Interacting Dark Matter is a popular solution to the small-scale problems of cold dark matter. In this talk, it will be shown how it is possible to obtain the desired amount of self-interactions from dark matter candidates which have never been in equilibrium with the visible sector, while at the same time avoiding all the phenomenological issues present in a large variety of models proposed in the literature, relying on dark-visible equilibrium.

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