

Update on WIMP Models with loop-induced Direct Detection cross-section

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WIMPs are one of the most popular classes of DM candidates. However, strong tensions arise because of negative signals from Direct Detection (DD) experiments. Several WIMP modes nevertheless exist, which, until present times, could overcome this issue as the interactions relevant for DD emerge at the one loop level. I will provide an overview of such models discussing the capability of current and next generation experiments of probing their parameter space.

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