

## Current status and future prospects on WIMP searches



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### Abstract:

WIMP is known to be the most influential candidate of dark matter in our universe. Thanks to recent development of collider, underground, cosmological and astrophysical experiments, the era of serious WIMP searches has begun. Then, important questions are “what is the current status of the WIMP paradigm?”, “how far can we cover the WIMP paradigm in future?” and “what is then the leftover remaining as unexplored regions?” I would like to address (a part of) the answers to these questions in this talk. I will particularly focus on a fermionic WIMP, for it is well-motivated from the viewpoint of the supersymmetric framework.