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Cornering WIMP Dark Matter

Wednesday 19 April 2017 09:00 (28 minutes)

The old idea that Dark Matter is produced by thermal freeze-out in the early Universe is reviewed. Present advances in direct, indirect and collider searches are more and more constraining this type of Dark Matter. In this talk this statement is made explicit by considering a generic type of a simplified model for WIMP Dark Matter. We argue that the WIMP paradigm is pushed to "special" corners of the parameter space due to various experimental and theoretical constraints.

Author: SCHWETZ, Thomas

Presenter: SCHWETZ, Thomas

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