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Status of particle dark matter theory

Monday, 16 September 2013 17:00 (45 minutes)

I will review recent developments in the theory of particle dark matter, with special attention to the distinction between cold, warm and self-interacting dark matter, the potential signals of “Light WIMPs” in direct dark matter detection experiments, the significance of some hints of dark matter in indirect detection and LHC limits on dark matter particles.

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