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## Probing Dark Matter Throughout Cosmic History

*Tuesday 3 September 2019 16:40 (20 minutes)*

I will review the status of cosmological searches for dark matter-baryon interactions, summarizing the best current limits on scattering of sub-GeV particle candidates with protons derived from the CMB anisotropy measurements. I will then present stringent new bounds on the same physics, inferred recently from the observed population of the Milky Way satellite galaxies. I will highlight complementarities between different observations and laboratory searches for dark matter, and discuss the prospects for the coming decade.

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