

# Dark Matter Halos and Cosmic Evolution

*Monday 29 September 2014 15:00 (30 minutes)*

Dark matter annihilation, decay, or other particle interactions have the potential to affect early structure formation by injecting energy into local gas. I will discuss major unsolved problems relevant to the abundance and structure of dark matter halos, and how these uncertainties affect predictions of dark matter's influence over cosmic time. [Paper: [arXiv:1309.7783](https://arxiv.org/abs/1309.7783)]

**Presenter:** MACK, Katie