

Small Scale Structure of Multi-component Dark Matter

Tuesday, 13 June 2023 14:40 (20 minutes)

We present distinctive properties of multi-component dark matter from the structure formation of halos on small scale. We solve linear Einstein-Boltzmann equations, and show how density contrasts and the power spectrum change. To incorporate non-linear effects, we use the above result to perform N-body simulations, and discuss various phenomenological aspects of the model.

Secondary category for the parallel session (optional)

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Session Classification: Parallel: Cosmology 2

Track Classification: Parallel Sessions: Cosmology