Date:	Wednesday, 28 November 2018
Time:	09:30 - 10:50
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Structure formation with axion-like dark matter

Abstract:

Notes:

Scenarios of structure formation with axion-like particle (ALP) dark matter have distinctive signatures on scales ranging from the Hubble length to astronomical units. They are governed almost entirely by the particle mass and therefore very predictive. However, much of the phenomenology is highly nonlinear, requiring large simulations and, in some cases, novel computational tools. Some approaches for such simulations will be described and first results presented.