

# JOINT TUFTS/MIT COSMOLOGY SEMINAR

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## *Two applications of Nambu-Goldstone bosons in cosmology*

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Columbia

We will discuss (1) the implications of certain spontaneously broken symmetries for cosmological correlation functions, and (2) the possibility that dark matter is comprised of an ultra-light axion-like particle, one whose de Broglie wavelength is astronomical.

Wednesday, March 14, 2018, 4:15 pm  
Cosman Seminar Room  
Center for Theoretical Physics  
Building 6C, Room 6C-442  
Massachusetts Institute of Technology  
Refreshments at 4:10 in the same room