



PHYSICS AND ASTRONOMY SEMINAR

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“Dark Matter - Neutrino Interactions: Solving the Small Scale Structure Problem and its Implications”

Abstract

For structure formation on sub-galactic scales, there is a discrepancy between observations and standard cold dark matter simulations. Neutrino-interacting dark matter has been proposed to alleviate this problem. I will review these small scale structure problems and how they can be addressed by dark matter-neutrino interactions. I will also discuss the model building for this kind of dark matter, as well as its constraints and implications.

Friday, November 28, 2014

2:00 p.m.

Human & Social Development Building
Room A270