Monday – April 27, 2015
4:00 PM
Kolker Room (26-414)
(refreshments served at 3:30 PM)

“The Revival of Self-Interacting Dark Matter”

Prof. Manoj Kaplinghat – University of California, Irvine

Abstract: Self-interacting dark matter (SIDM) was proposed to solve some puzzles in structure formation 15 years ago but was shelved by the astronomy community rather quickly. This talk will summarize the current status of structure formation puzzles, the revival of SIDM and recent work in model building related to SIDM. The talk will end with some predictions for SIDM models in the standard direct and indirect searches.