

JOINT TUFTS/MIT COSMOLOGY SEMINAR

Black Hole Spindown by Light Bosons

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Light bosons, if they exist, are emitted by astrophysical black holes (via the superradiant instability). The boson emission rate and the resulting black hole spindown rate are calculated. The potential of black hole observations for ruling out (or discovering) light bosons is discussed.

Tuesday, March 7, 2017, 2:30 pm
574 Boston Ave, Room 310
Tufts University

Refreshments at 2:00 outside room 304