

# JOINT TUFTS/MIT COSMOLOGY SEMINAR

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## *Black hole hair: Quantum and Classical* Gia Dvali NYU

Abstract: We discuss physics of black hole hair - quantum and classical - and some implications, such as, the possibility of a secret protection of global quantum numbers against black holes. The existence of black hole hair allows to identify loopholes in "folk theorems" stating that global charges, such as e.g., baryon number, are incompatible with semi-classical black hole physics.

Tuesday, November 29, 2016, 2:30 pm  
574 Boston Ave, Room 316  
Tufts University

Refreshments at 2:00 outside room 304