

# JOINT TUFTS/MIT COSMOLOGY SEMINAR

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## *String Theory and the First Half of the Universe*

Fien Apers  
Oxford

I will describe a stringy exotic epoch in the early universe that connects the end of inflation to the start of the standard radiation dominated epoch. Rolling scalar fields play a crucial role in this epoch that could last as long as half the lifetime of the universe on a logarithmic scale. As the energy scales at the endpoints of this epoch can be largely different, there is a possibility of traversing multiple transplanckian distances and perhaps producing quantum gravity signatures

Tuesday, April 2, 2024, 2:30 pm

574 Boston Ave, Room 402

Tufts University

Refreshments at 2:00 outside the building, at the corner of  
Harvard St. and Boston Ave.