

TUFTS UNIVERSITY
Physics and Astronomy Colloquium

Arjun G. Yodh
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“Colloids, Coffee Rings and Phonons”

“I will discuss recent experiments with colloidal suspensions which reveal new phenomena associated with a surprisingly broad range of problems. The first set of experiments employ temperature-sensitive microgel particles to study phonons in colloidal glasses and their relation to the mechanical responses of disordered solids. The second set explores the role of particle shape in affecting deposition during evaporation, i.e., the effect of particle shape on the coffee ring effect.”

3:00 pm
Friday, October 5, 2012
Robinson 253
Medford Campus

Refreshments served at 2:30 in The Knipp Library, Room 251

