

University of Mumbai & Department of Atomic Energy
CENTRE for EXCELLENCE IN BASIC SCIENCES

**Accelerating Universes in String Theory and
Einstein's Dream**

By Prof. Sandip Trivedi
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Dramatic advances in observational cosmology have taught us that the universe is accelerating. This discovery has far reaching consequences. Quiet recently we have understood that such an accelerating universe can arise in string theory - a framework that attempts to provide an understanding of gravity based on quantum mechanics. The picture which emerges is that of a complicated landscape with many different possibilities for the acceleration and the others constants of nature. What do these developments mean for our quest for unification? And for the fulfillment of Einstein's dream? These are some of the questions that will be discussed in the colloquium.

Tuesday, 31st August 2010 at 4.30 p.m.
Seminar Room PF AG-114
Near Annabhau Sathe Bhavan
University of Mumbai
Vidhyanagari Campus, Kalina

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Tuesday Colloquium organized by

