

This Week in Physics

SYRACUSE UNIVERSITY
College of Arts & Sciences

Week of

September 8, 2008

[http://www.phy.syr.edu/
SeminarsEvents.htm](http://www.phy.syr.edu/SeminarsEvents.htm)

DEPARTMENT OF PHYSICS

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THURSDAY, SEPTEMBER 11

Colloquium

4:00 PM, Rm 202 (refreshments 3:30 PM, Rm 204)

Prof. Savdeep Sethi (University of Chicago)

Time and String Theory

The origins of space and time are one of the enduring mysteries of nature. Did space and time emerge in some kind of Big Bang? Will the universe end in a Big Crunch? Can we sensibly describe these singular highly quantum states of nature? I will describe recent ideas in string theory that provide a new perspective on these questions, taking us a step closer to understanding space and time.

FRIDAY, SEPTEMBER 12

Joint Relativity/Cosmology/High Energy Physics Seminar

2:30 PM, Rm 202

Prof. John Madore (University of Paris at Orsay)

A noncommutative version of Cartan's frame formalism

