

Loops, Strings, and Topology

Ralph Cohen
Stanford University

October 26, 2012

In this lecture I will give an overview of a fairly new field of study called "String Topology". This is a theory that studies the differential and algebraic topology of spaces of paths and loops in manifolds. I will describe the topological structure of this theory, as well as its motivation from physics. I will then discuss some applications.

The lecture will take place in Thackeray 704 at 4:00pm.
Refreshments will start at 3:30pm.