

MATHEMATICS DEPARTMENT  
North Carolina State University

ALGEBRA SEMINAR

Friday, March 17, 2006

Professor John McCleary

Vassar College

Stringy Algebra

**ABSTRACT:** The free loop space of a manifold is a kind of moduli space for the closed strings in the manifold. Computing the homology of the free loop space is a challenge for topologists and has led to some interesting intersections with the homological algebra of rings. This talk will focus on the algebra developed to compute this homology together with its extra structures.

3:00 - 3:50 pm    HA 335

Faculty and Students are invited to attend.