Nathan Broaddus
University of Chicago
will speak on

The mapping class group and its Steinberg module

ABSTRACT: I will introduce an important object associated to the mapping class group of a surface called the Steinberg module. I will give some justification for its importance and discuss how it relates to Steinberg’s original module over a finite Chevalley group of Lie type, such as the special linear group over a finite field. I will provide a gentle introduction with definitions for all of the above objects.

Wednesday, 11 February 2009
Lecture at 4:00 pm
Coffee, tea, and refreshments from 3-5 pm
Room 617, Wachman Building
Department of Mathematics