

Auburn University Montgomery

Department of Mathematics

Colloquium/*MAMS*

Time: Friday, October 13, 2006, 2:00pm

Place: Auburn University Montgomery, Goodwyn Hall, Room 202

Speaker: Cornelius Pillen, University of South Alabama

Title: Group Representations

Abstract:

Many areas of modern mathematics and the sciences explore the actions of groups on other mathematical objects. In particular, one might be interested in groups acting on vector spaces. This allows for group elements to be "represented" as matrices. In this talk we will use some easy examples to introduce the audience to the various flavors of the representation theory of finite groups. No mathematical background beyond some basic knowledge of linear algebra is needed in order to enjoy the presentation.

Refreshments will be served at 2:00pm; colloquium begins at 2:30pm.