



**Speaker:** Andrew Snowden  
University of Michigan

Wednesday, October 15, 2014  
3:00 PM  
258 Hurley Hall

**Title:** Grobner bases for representations of categories

**Abstract:**

I will explain how one can use ideas from commutative algebra, such as Grobner bases, to study representations of categories. (I will also explain what a representation of a category is!) I will then give some applications of this theory, including the resolution of Schwartz's artinian conjecture in the generic representation theory of finite fields.