"With memory set smarting like a reopened wound, a man's past is not simply a dead history, an outworn preparation of the present: it is a still quivering part of himself, bringing shudders and bitter flavours and the tinglings of a merited shame."

-George Eliot

The Trivial Notions Seminar

Proudly Announces

Quivers

A talk by

Carl Wang Erickson

Abstract

A quiver is just a directed graph, but the term "quiver" is meant to indicate that the theory of quivers is not usual graph theory. We will introduce this theory with examples, assuming no prior knowledge. A major topic of discussion will be representations of quivers and the comparison of this theory with the representation theory of associative algebras. We will feature theorems of Gabriel and Drozd, giving a remarkable classification of the representation category of a quiver or algebra based on Dynkin diagrams. Examples of moduli spaces of quivers will be described in order to illustrate these theorems.

Thursday April 18$^{\text{th}}$, at 1:00 pm

Science Center 310