

“Variety, multiplicity are the two most powerful vehicles of lust.” — Marquis de Sade

“Even self-love presupposes an irreconcilable duality (or multiplicity) in a single person.” — Friedrich Nietzsche

The Trivial Notions Seminar  
Proudly Announces

Duality and Plethysm

A talk by  
Kai-Wen Lan

**Abstract**

In this lecture we explain how the representation theory of symmetric groups (of finitely many elements) can help us construct explicit realizations of all (finite-dimensional) representations of general linear groups.

Thursday, April 3<sup>rd</sup>, 2008 at 3:07 pm  
Science Center 232