

“By this term I want to suggest that it is the ‘common motive’ (or ‘common reason’) behind this multitude of cohomological invariants attached to an algebraic variety, or indeed, behind all cohomological invariants that are a priori possible.”

— Alexander Grothendieck

The Trivial Notions Seminar  
Proudly Announces

Motivic integration and an application

A talk by  
Kai Xu

**Abstract**

We will talk about the key ideas around motivic integration and an immediate application: birational (complete) Calabi-Yaus have the same Hodge structures.

Friday, April 26<sup>th</sup>, at 1:00 pm  
Science Center 530