Algebraic Topology Seminar

Akhil Mathew

of UChicago will be speaking on

Descent and vanishing in algebraic K-theory via group actions

on Thursday, January 07 at 4:30 pm in
Eckhart 203

I will explain some descent and vanishing results in the algebraic K-theory of ring spectra, motivated by the redshift philosophy of Ausoni-Rognes. These results are all proved by considering group actions on stable ∞-categories and their K-theory, as well as some tools coming from chromatic homotopy theory. Joint work with Dustin Clausen, Niko Naumann, and Justin Noel.

There will be a pretalk at 3pm.

For information, write to Danny Xiaolin Shi at `dannyshixl@gmail.com`