Algebraic Topology Seminar

Ang Li
of U. Kentucky will be speaking on

A real motivic \( v_1 \) selfmap

on Tuesday, October 27 at 4:30 pm in Eckhart 203

We consider a nontrivial action of \( C_2 \) on the type 1 spectrum \( Y := S/2S/\eta \). This can also be viewed as the complex points of a finite real-motivic spectrum. One of the \( v_1 \) self-maps of \( Y \) can be lifted to a \( C_2 \) equivariant self-map as well as a real-motivic self-map. Further, the cofiber of the self-map of the R-motivic lift of \( Y \) is a realization of the real-motivic Steenrod subalgebra \( A(1) \). This is joint work with Prasit Bhattacharya and Bertrand Guillou.

There will be a pretalk at 3pm.

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