

Topology Seminar

Agnes Beaudry

of The University of Colorado Boulder will be speaking on

Models of Lubin-Tate spectra via Real bordism theory

on February 10 at 4:30 in
MIT Room 2-131

In this talk, I will present certain Real oriented models of Lubin-Tate theories at $p=2$ and arbitrary heights. For these models, we give explicit formulas for the action of some finite subgroups of the Morava stabilizer groups on the coefficient rings. This is an input necessary for future computations of the homotopy fixed point spectral sequences for the associated higher real K-theories. The Real orientations will provide information about the differentials. The construction utilizes equivariant formal group laws associated with the norms of the Real bordism theory, and are based on techniques introduced by Hill-Hopkins-Ravenel. This is joint work with Hill, Shi and Zeng.