

Topology Seminar

Nathaniel Stapleton

of MIT will be speaking on

An Application of Transchromatic Generalized Character Theory

on October 15 at 4:30 in
MIT Room 2-131

The generalized character theory of Hopkins, Kuhn and Ravenel has proved to be a very useful tool in the study of Morava E_n . In this talk, I will outline a compact construction of the transchromatic generalized character maps. The Morava E -theory of cyclic groups and symmetric groups have well known algebro-geometric interpretations. Using the relationship between the character maps and the transfer maps for Morava E -theory, I will provide algebro-geometric interpretations of the cohomology of some finite groups other than symmetric groups and cyclic groups.