

# Topology Seminar

**Nathaniel Stapleton**

of MIT will be speaking on

## Towards Transchromatic Twisted Character Maps

on October 24 at 4:30 in  
MIT Room 2-131

In the 80's Hopkins, Kuhn, and Ravenel developed a way to study cohomology rings of the form  $E^*(BG)$  in terms of a character map. Their map can be interpreted as a map of cohomology theories beginning with a height  $n$  cohomology theory  $E$  and landing in a height 0 cohomology theory with a rational algebra of coefficients that they construct out of  $E$ . In this talk we will use the language of  $p$ -divisible groups to discuss various ways of generalizing their map to every height between 0 and  $n$ .