

# Topology Seminar

**Andrew Salch**

of Johns Hopkins University will be speaking on

$v_2$  and  $v_4$

on March 8 at 4:30 in  
MIT Room 2-131

We discuss some new methods for computing the cohomology of Morava stabilizer groups at large heights. We apply these methods to compute a good approximation to the cohomology of the 5-primary height 4 stabilizer group, giving us some interesting information about  $v_4$ -periodic stable homotopy groups of spheres, and we discuss what is involved in computing the entire cohomology of the Morava stabilizer group for heights 4 and up.