

# Topology Seminar

**Mark Behrens**

of MIT will be speaking on

The homotopy groups of the  
 $E(2)$ -local sphere, revisited

on March 1 at 4:30 in  
MIT Room 2-131

Shimomura and Yabe computed the homotopy groups of the  $E(2)$ -local sphere at primes greater than or equal to 5. However, their computation is difficult to understand. I will describe a conceptual way to understand the answer, and the computation. The goal is to make the answer as concrete as the image of the  $J$  homomorphism. We'll see if this goal is achieved...