

Topology Seminar

Charles Rezk

of University of Illinois Urbana-Champaign will be speaking on

Koszul resolutions for algebras of power operations

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

Morava E-theory (the complex oriented cohomology theories associated to deformations of formal groups) are structured commutative ring spectra, and so support a well-behaved theory of power operations. We describe what is known about this theory, and we prove a conjecture of Ando, Hopkins, and Strickland, that the ring of power operations for such theories is Koszul.