

Topology Seminar

Man Chueng Cheng

of MIT will be speaking on

Duality of differentiable stacks

on May 14 at 4:30 in
MIT Room 2-131

It was shown by Greenlees-Sadofsky that classifying spaces of finite groups satisfy a Morava K-theory version of Poincare duality. This duality map can be viewed as coming from a Spanier-Whitehead type construction for differentiable stacks. In this talk I will define differentiable stacks and explain this construction. I will also discuss the generalization of the above result to a more general class of stacks and give some examples.