

Topology Seminar

Kathryn Lesh

of Union College will be speaking on

Normalizer decompositions of p -local compact groups

on November 27 at 4:30 in
MIT Room 2-131

I will talk about a ‘normalizer decomposition’ for the classifying space of a p -local compact group. The decomposition generalizes those of Dwyer for finite groups and of Libman for p -local finite groups and (separately) for compact Lie groups. I’ll show how the decomposition gives a homotopy pushout square for the exotic p -compact groups of Aguade and Zabrodsky by building on the example of $SU(p)$. This is joint work with Belmont, Castellana, Grbic, and Strumila.