Topology Seminar

Tom Church

of Stanford University will be speaking on

Stable completed cohomology and excision in continuous K-theory

on April 25 at 3:30 in
MIT Room 2-131

Two of the recent successes of representation stability are the description of the stable completed cohomology of arithmetic groups by Calegari-Emerton, and the proof of excision in continuous K-theory by Calegari. I'll explain these theorems, focusing on concrete cases such as H_1, K_1 and K_2 where we can work out explicitly exactly what is going o theory needed; in fact, I'll give an introduction to many aspects of classical $K-$theory such as the congruence subgro