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 on; no knowledge of representation theory needed; in fact, I'll give an introduction to many aspects of classical K-theory such as the congruence subgroup...