Topology Seminar

Tom Church

of Stanford University will be speaking on

A survey of representation stability

on February 10 at 4:30 in
MIT Room 2-131

I will give a gentle survey of the theory of representation stability, viewed through the lens of its applications. These applications include: homological stability for configuration spaces of manifolds; understanding the stable (and unstable) homology of arithmetic lattices; uniform generators for congruence subgroups and congruence subgroups; and distributional stability for random squarefree polynomials over finite fields.