1117-55-273   **Michael S Willis*** (`msw3ka@virginia.edu`), 141 Cabell Drive, Kerchof Hall, PO Box 400137, Charlottesville, VA 229044137. *The Khovanov Homotopy Type of Infinite Torus Links.*

Both the Jones polynomial and its categorification, the Khovanov homology, are known to stabilize for torus links $T(n,m)$ as $m \to \infty$. In recent work, Robert Lipshitz and Sucharit Sarkar constructed the Khovanov homotopy type $\chi(L)$ for a link L, a spectrum whose reduced cohomology gives the Khovanov homology of L. In this talk I will discuss the stability of $\chi(T(n,m))$ as $m \to \infty$. One corollary will be the existence of nontrivial Steenrod Sq^2 action on $\chi(T(3,m))$ for $m \geq 3$. (Received January 16, 2016)