Topology Seminar

Igor Kriz

of University of Michigan will be speaking on

Khovanov homology and k-theory

on March 12 at 4:30 in
MIT Room 2-131

I plan to discuss my recent joint work with Po Hu and Daniel Kriz on a lifting of Khovanov homology to connective k-theory. I will also talk about its relation to recent work by Lipshitz and Sarkar. As a technical tool, our approach exhibits a curious link between modular functors and the Elmendorf-Mandell approach to multiplicative infinite loop space theory.