1125-18-1506 **Qing Zhang*** (zhangqing2513@tamu.edu). *Super Modular Categories from Quantum Groups.*

A super-modular category is a unitary ribbon fusion category with Müger center equivalent to the symmetric ribbon category of super-vector spaces. For modular categories, Ng and Schauenburg showed that the images of the representations of the mapping class group of a torus are always finite. In the super-modular setting, one has a representation of the spin mapping class group of the torus. We conjecture that the images are also finite. In this talk, we will provide evidence by looking at the super modular categories arising from quantum groups at roots of unity. (Received September 17, 2016)