Shuang Ming* (sming@math.ucdavis.edu) and Greg Kuperberg. On TQFT representations of mapping class groups with boundary.

(2+1)-dimensional TQFT provide interesting examples of representations of mapping class groups. In this talk, I will discuss the images of the representations. In the joint work with Greg Kuperberg, we proved the representations is always irreducible at odd prime level. When $A$ is a generic complex number, we prove the image is Zariski dense when genus $g = 0$. (Received September 07, 2018)