1158-55-354   **Matthew Hogancamp*** (`m.hogancamp@northeastern.edu`), **Eugene Gorsky** and **Paul Wedrich**. *Categorifying the skein module of the solid torus.*

In this talk I will discuss recent joint work with E. Gorsky and P. Wedrich in which we describe a categorification of (the positive half of) the HOMFLY-PT skein module of the solid torus. Despite its rather sophisticated definition, we find that our category is equivalent to the category is equivalent to the category of modules over an explicit wreath product algebra. (Received March 03, 2020)