Lei Chen* (chenlei1991919@gmail.com), 250 S Oak Knoll Ave 207, Pasadena, CA 91101. Some algebraic properties of the power subgroup of mapping class groups.

In this talk, I will discuss some algebraic properties of the power subgroup of mapping class group; i.e., the normal closure of a big power of a Dehn twist. For example, I will discuss the restriction of the Euler class on it, its orbit on curve complexes and possibly other properties. I will also talk about some open problems. (Received January 22, 2020)