

**Talk Title:** Fusion systems of finite groups are tame

**Abstract:** A saturated fusion system is tame if there is a finite group  $G$  realizing the fusion system such that the natural homomorphism from the outer automorphism group of  $G$  to the group of homotopy classes of self-equivalences of the  $p$ -completed classifying space of  $G$  is split surjective. I will talk about joint work with Jesper Møller, Bob Oliver, and Albert Ruiz proving that fusion systems of finite groups are tame. This depends on the classification of finite simple groups (CFSG) but we formulate our result in such a way that the proof does not depend on CFSG.