

The Large scale geometry of big mapping class groups

Speaker: Yulan Qing

Abstract: In this talk, we introduce the framework of the coarse geometry of non-locally compact groups in the setting of big mapping class groups, as studied by Rosendal. We will discuss the characterization results of Mann-Rafi and Horbez-Qing-Rafi that illustrate big mapping groups' rich geometric and algebraic structures. We will outline the proofs in these results and their implications. If time permits, we will discuss some open problems in this area.

Time: 16:00 (German time)