



DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

Colloquium

TWISTING IN MAPPING CLASS GROUPS

Diana Hubbard
CUNY

ABSTRACT:

Mapping class groups are central objects throughout low-dimensional topology: important in their own right and also in the study of knots and 3- and 4-dimensional manifolds. In this talk I will describe a measure of twisting in the mapping class group called the Dehn twist coefficient and highlight results that show how this twisting can have topological consequences. Much of the work in this talk is joint with Peter Feller and Hannah Turner.

4 – 5pm

Wednesday, October 09, 2024

Room 204, Smith Hall