

MATRIX-MFO TANDEM WORKSHOP 2024

Invariants in Low-Dimensional Topology: Combinatorics, Geometry, and Computation

WORKSHOP DESCRIPTION

The aim of this workshop is to gain new insights and methods for the study of low-dimensional manifolds. The workshop will bring together researchers from different subfields of low-dimensional topology that have a high potential for productive exchanges. This includes researchers working on problems in knot theory, 3-manifolds, and 4-manifolds, including different perspectives that do not usually work together. The focus of this workshop is to foster interactions and collaborations between researchers in these areas. Our goal is to promote concrete problem solving and to develop joint research projects and new collaborations. During the workshop we will work on open problems of common interest. Due to the different time zones, we expect the research teams to work on the problems almost around the clock during the workshop days.