Fall 2023

Geometry and Topology Seminar

Title

Orderability of groups and 3-manifold topology

Speaker:	Ying Hu, University of Nebraska Omaha
Date:	August 04, 2023
Time:	3:00PM
Location:	LG 401

Abstract: This is an introductory talk. We will give an overview of the study of 3-manifold topology and explain why fundamental group is an important invariant in the study of 3-manifold topology. We then discuss an interesting interplay between a group property (left-orderability) and the topology of the 3-manifold.