Spring 2025

Geometry and Topology Seminar

Title

Spectrum on locally symmetric spaces

Speaker:	Hongwei Zhang, Paderborn University
Date:	March 14, 2025
Time:	4:00PM (China Standard Time)
Tencent Meeting:	890-686-6792, Password: 202503

Abstract: In this talk we will discuss, on a locally symmetric space of higher rank and infinite volume, the relation between the bottom of the L2-spectrum of the Laplace-Beltrami operator, and the convergence rate of the discrete subgroup. We will also talk about their implications for the Strichartz inequality, a key tool in the study of nonlinear dispersive equations.