

Speaker: Baocheng Zhu, Shaanxi Normal University, China.

Title: Limiting shape of the L_p Minkowski problem.

Abstract: In this talk, we will discuss the asymptotic shape of solutions to the L_p Minkowski problem as $p \rightarrow -\infty$. We will present a class of convex polytopes Φ , including all the regular polytopes, such that for any polytope $T \in \Phi$, there exists a solution $\Omega^{(p)}$ to the L_p Minkowski problem which converges to T as $p \rightarrow -\infty$.