

## ***THE LOGARITHMIC MINKOWSKI PROBLEM AND THE LOGARITHMIC BRUNN-MINKOWSKI CONJECTURE***

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**Time: Thu, Nov. 9th, 11:00-11:30**

**Venue: Room 106, Shanghai Center for Mathematical Sciences**

### **Abstract:**

The Minkowski problem and the Brunn-Minkowski inequality are two cornerstones of convex geometry and they are related to each other. In this talk, we will discuss the logarithmic problem and the logarithmic Brunn-Minkowski conjecture. The former is a natural generalization of the classical Minkowski problem, and the latter strengthens the classical Brunn-Minkowski inequality. We will first summarize the progress on these two problems. Then we will report our very recent result on the logarithmic Minkowski problem.