

INTRODUCTION TO TORIC VARIETIES (1)

Speaker: Lingyao Xie

The University of Utah

Time: Wed., May 31, 16:00-17:00

Venue: Room 106, SCMS

Abstract:

Toric varieties are geometric objects defined by combinatorial information. They provide a wonderful introduction to algebraic geometry and can be used to construct various interesting examples. In these series, I will give a brief introduction to this rich subject and show that there is an explicit way to compute the minimal log discrepancies of a toric variety (pair), which is really hard to do in general (especially in higher dimensions).