

## **INTRODUCTION TO TORIC VARIETIES (3)**

**Speaker: Lingyao Xie**

**The University of Utah**

**Time: Mon., Jun 5, 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).