

## ***MEASURES OF IRRATIONALITY***

**Speaker: Junyan Zhao**

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**Time: Wed., May 10, 13:30-15:30**

**Venue: Room 106, SCMS**

### **Abstract:**

The study of rationality is one of the most classical in (complex) algebraic geometry. Unfortunately, most varieties are not rational. Some invariants are created to measure how far a variety being rational. In this talk, I will define these invariants, and introduce some recent progress on it. We will mainly focus on the cases for hypersurfaces, complete intersections, K3 surfaces and abelian varieties.