

***BOUNDEDNESS OF KLT GOOD MINIMAL MODELS***

**Speaker: Xiaowei Jiang**  
**Tsinghua University**

**Time: Thu., Jan. 8th, 11:00-12:00**

**Venue: Room 106, SCMS**

**Abstract:** According to the Abundance Conjecture, any variety with mild singularities and non-negative Kodaira dimension is expected to admit a good minimal model, that is, a model with semiample canonical divisor. A natural question in the classification theory is whether such good minimal models form a bounded family. In this talk, I will first review the background on boundedness in birational geometry and present recent progress in this direction. Then I will discuss boundedness results for klt good minimal models after fixing some natural invariants. Partly based on joint work with Junpeng Jiao and Minzhe Zhu.