

## ***SARKISOV PROGRAM AND FINITENESS OF MODELS***

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**Time: Sun, Sep. 28<sup>th</sup>, 15:00-15:30**

**Venue: Room 110, SCMS**

### **Abstract:**

This report will focus on the Sarkisov program, which provides a structural description of birational maps between Mori fiber spaces. The traditional approach proceeds via the notion of Sarkisov degree and relies on the termination of flips. A more recent approach, known as double scaling, circumvents the need for full termination of flips by reducing the problem to the finiteness of models. I will introduce these two methods, discuss possible extensions of finiteness results, and mention some related interesting questions.