**Derived Categories and Quantum Cohomologies of Grassmannian Flips**

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**Time:** Wed, Dec. 23, 15:00-15:30  
**Venue:** Room 102, SCMS

**Abstract:** We study high dimensional flips in birational algebraic geometry and invariance of derived categories of coherent sheaves and quantum cohomologies under flips. We find a series of examples of flips from Grassmannian varieties, called Grassmannian flips and try to investigate on their derived categories and quantum cohomologies. In this talk, we will give a short introduction to this program.