

## **GEOMETRIC INVARIANTS OF RANK STRATIFICATION**

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**Time: Wed, Nov 25, 16:30 - 17:00**

**Venue: Gu Lecture Hall, SCMS**

**Abstract:** Being both orbital and stratified singularity, the matrix rank stratification has been extensively studied in singularity theory. In particular, their local invariants such as the local Euler obstructions and the sectional Euler characteristics are of fundamental importance. They are only partially known since 2017.

In this talk I will report my recent work on recursive and reflective group orbits. As an application I solved such problems for matrix rank stratifications systematically.