



北京理工大学
数学与统计学院



北京雁栖湖
应用数学研究院
YANQI LAKE BEIJING INSTITUTE OF
MATHEMATICAL SCIENCES AND APPLICATIONS

2024
MATHEMATICS

BIMSA-BIT Differential Geometry Seminar

Symplectic Aspects of Hyperplane Arrangements

报告人: 刘思阳 美国南加州大学

时 间: 2024.12.13 14:00–15:00

地 点: 良乡校区文萃楼 E409

摘要: Complexified complement of hyperplane arrangements are one of the most classical examples of study in singularity theory and algebraic geometry, while its symplectic properties are largely under exploration. In this talk, I'll present our recent progress toward understanding symplectic geometry of hyperplane arrangements, which is connected to torus-equivariant topology of toric hyperKähler varieties. This is based on the recent joint work with S. Lee, Y. Li and C. Y. Mak and work in preparation with S. Ganatra, W. Li and P. Zhou.

个人简介: 刘思阳，本科毕业于中山大学，美国南加州大学在读博士生，师从 Sheel Ganatra 教授。研究方向为辛几何，特别是辛不变量的计算，包括辛上同调、（部分）卷绕 Fukaya 范畴等。

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