代数表示论团队学术报告

**报告题目：Invariance of the Gerstenhaber algebra structure on Tate-Hochschild cohomology**

**报告人：汪正方博士 (Max Planck Institute for Mathematics, Bonn)**

**时间地点：2019年7月12日10:00-11:00, 新主楼1124报告厅.**

**邀请人：刘玉明**

**报告摘要：Using Stasheff’s intrinsic interpretation of the Gerstenhaber bracket in Hochschild cohomology, Keller proved in 1999 that the Gerstenhaber algebra structure on the Hochschild cohomology of an algebra is invariant under derived equivalences. In this talk, we will show an analogous result for Tate-Hochschild cohomology. That is, the Gerstenhaber algebra structure on the Tate-Hochschild cohomology of an algebra is invariant under singular equivalences of Morita type.**