For Favour of Posting

Department of Mathematics
The Chinese University of Hong Kong

數學系
香港中文大學

Seminar

MV cycles and affine Deligne-Lusztig varieties

Professor Sian Nie
Chinese Academy of Sciences

Abstract
Affine Deligne-Lusztig varieties (ADLVs) are natural analogues of classic Deligne-Lusztig varieties, which plays an important role in the study of Shimura varieties. I will talk about recent progress on a connection between irreducible components of ADLVs and Mirkovic-Vilonen cycles. This connection is conjectured by Miaofen Chen and Xinwen Zhu.

Date: 23 September 2019 (Monday)

Time: 3:15pm – 4:15pm

Venue: Room 219, Lady Shaw Building,

The Chinese University of Hong Kong, Shatin

All are Welcome