Representation and Number Theory Seminar

(Geometry of Generalized Affine Springer Fibers)

by

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Abstract:
This talk will be about affine Springer fibers and their generalizations that encode orbital integrals of functions in the spherical Hecke algebra of a p-adic reductive group. These objects can also be viewed as linear analogues of affine Deligne-Lusztig varieties. I will discuss current knowledge on basic geometric properties of these varieties, including non-emptiness, dimension, and irreducible components. Time permitting, I will also discuss local and global ingredients in the proofs.

Date : January 11, (Tuesday)
Time : 9:00am – 10:00am (Hong Kong SAR)
Zoom link :
https://cuhk.zoom.us/j/97838822137?pwd=ZTVvSC9abmNjR3RCcS9FTzJNTVhXdz09
Meeting ID: 978 3882 2137
Passcode : sesame

All are Welcome