

BOSTON UNIVERSITY NUMBER THEORY SEMINAR

The tamely ramified cover of the Drinfeld upper half-plane

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111 Cummington Mall, MCS B21

Abstract: In this talk, we will describe the geometry of the tamely ramified cover of the Drinfeld upper half-space and its relation with Deligne-Lusztig varieties. In particular, this will give a realization of the local Langlands correspondence and the Jacquet-Langlands correspondence for depth 0 supercuspidal representations in a purely local way.