

**November 12:** Zhiwei Yun (Princeton), “A global analogue of Springer representations.” FOLLOWED BY DINNER.

We propose an analogue of Springer’s Weyl group representations when the finite base field in the original construction is replaced by a global function field. We consider the Hitchin fibration (with parabolic structures) as the global analogue of the Grothendieck-Springer alternation, and construct an action of the affine Weyl group on the cohomology of parabolic Hitchin fibers. Time permitting, we will also discuss what happens when we compare such representations for Langlands dual groups.