

1167-17-182 **Yiqiang Li*** (yiqiang@buffalo.edu), 244 Mathematics Building, Buffalo, NY 14051. *Towards a Langlands reciprocity for affine q -Schur algebras.* Preliminary report.

Langlands reciprocity for extended affine Hecke algebras related the two geometric realizations of the algebras via coherent sheaves and constructible sheaves. There is a similar construction for affine q -Schur algebras of type A. In this talk, we will discuss an approach towards a Langlands reciprocity for affine q -Schur algebras of arbitrary type. (Received March 06, 2021)