

1117-17-417

Laura Rider and **Amber Russell*** (acrusse3@butler.edu). *Sheaves on the Nilpotent Cone and Lusztig's Relative Weyl Groups*. Preliminary report.

Lusztig's generalized Springer correspondence describes perverse sheaves on the nilpotent cone in terms of his relative Weyl groups. I'll discuss recent work joint with Rider on a description of the ambient equivariant derived category. (Received January 19, 2016)