

1173-20-251 **Pramod N. Achar*** (pramod@math.lsu.edu). *Notes on global affine Grassmannians and central sheaves*. Preliminary report.

This will be a partly expository talk on “global affine Grassmannians” and “global Schubert varieties,” including background on results of Gaitsgory, Pappas, Zhu, and others. The study of the topology of these spaces (especially with coefficients in positive characteristic) presents a number of challenges. I will discuss some results and some open problems in this topic. The results include joint work with S. Riche and L. Rider (Received September 21, 2021)