1112-05-148 **Thomas Lam**, **Seung Jin Lee** and **Mark Shimozono*** (mshimo@math.vt.edu), Department of Mathematics, MC 0123, 460 McBryde Hall, Virginia Tech, 225 Stanger Street, Blacksburg, VA 24061. *Schubert polynomials for affine flags.* Preliminary report.

We exhibit a natural ring isomorphism from the cohomology of the affine flag variety to the tensor product of those of the affine Grassmannian and the finite flag variety, the latter having componentwise product. We give a general expression for the image of an affine flags Schubert class. In type A it is a sum of products of affine Stanley functions and ordinary Schubert polynomials. This construction works equivariantly as well. The above isomorphism is also equivariant for the action of the extended affine nilHecke algebra. (Received July 30, 2015)