1117-14-429 **William Graham** (wag@math.uga.edu) and **Victor Kreiman*** (kreiman@uwp.edu).

Cominuscule points of Schubert varieties. Preliminary report.

We define the notion of a cominuscule point of a scheme with torus action, and give formulas for the Hilbert series and multiplicity at cominuscule points. All T-fixed points of Schubert varieties in cominuscule G/P are cominuscule, but there are also T-fixed points of Schubert varieties in non-cominuscule G/P which are cominuscule. For example, for any G/P of type A, if x is a fully commutative Weyl group element, then xP is a cominuscule point of any Schubert variety containing it. In type A, we use pipe dreams both to identify cominuscule points and to evaluate the Hilbert series and multiplicity formulas. (Received January 18, 2016)