SuHo Oh\* (suho@mit.edu), 70 Pacific #446B, Cambridge, MA 02139, and Alexander Postnikov and Hwanchul Yoo. Bruhat order, smooth Schubert varieties, and hyperplane arrangements.

Our aim is to link Schubert varieties in the flag manifold with hyperplane arrangements. For a given element of any finite Weyl group, we can construct a certain hyperplane arrangement. Postnikov conjectured that the generating function for regions of this arrangement coincides with the Poincare polynomial of the corresponding Schubert variety if and only if the Schubert variety is rationally smooth. We prove this conjecture for Type A case. We give an explicit combinatorial formula for the Poincare polynomial. (Received February 02, 2009)