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Schubert calculus and Bott-Samelson manifolds.

I will discuss the relationship between intersection questions on the flag variety and those in Bott-Samelson manifolds, using techniques developed in the context of equivariant cohomology. All terms will be defined. These techniques lead to some expressions for structure constants that are already in the literature, as well as some recursive formulas that are not as far as I know. Most of this talk is based on joint work with Allen Knutson, University of CA, San Diego. (Received January 21, 2008)