1067-14-1103   **Linda Chen*** (`lchen@swarthmore.edu`), Department of Mathematics and Statistics, Swarthmore College, 500 College Avenue, Swarthmore, PA 19801. *The quantum equivariant cohomology of flag varieties.*

Let X be a partial flag variety parametrizing successive subspaces in a vector space. We give a Giambelli formula which expresses Schubert classes in the quantum equivariant cohomology of X in terms of specializations of double universal Schubert polynomials. We obtain the result by proving and using an equivariant moving lemma on hyperquot schemes. This is joint work with Dave Anderson. (Received September 18, 2010)