

1096-14-1175      **Harry Tamvakis\***, University of Maryland, 1301 Mathematics Building, College Park, MD  
20742. *Schubert calculus on isotropic Grassmannians.*

We will discuss combinatorial aspects of the structure of the cohomology ring of isotropic Grassmannians, in its natural geometric basis of Schubert classes. This uses the classical raising operators of A. Young and D. Littlewood, and a new calculus of these operators which was found in joint work with Anders Buch and Andrew Kresch. (Received September 13, 2013)