1077-55-1920   **Daniel Dugger*** (`ddugger@uoregon.edu`). *Cohomology of equivariant Grassmannians and motivic characteristic classes for quadratic bundles.*

The talk will present a computation of the RO(G)-graded Eilenberg-MacLane cohomology of Z/2-equivariant real Grassmannians. I will explain how this connects to a theory of characteristic classes for quadratic bundles with values in motivic cohomology. (Received September 21, 2011)