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 $\mathbb{Z}/2$-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)