1086-14-1335   **Caroline Junkins*** (`cjunk084@uottawa.ca`). *Estimating torsion using the twisted gamma-filtration.*

For the Grothendieck group of a split simple linear algebraic group, the twisted γ-filtration provides a useful tool for constructing torsion elements in γ-rings of twisted flag varieties. In the present talk, we construct a non-trivial torsion element in the γ-ring of a complete flag variety twisted by means of a PGO-torsor. This generalizes the construction in the $HSpin$ case previously obtained by Zainoulline. (Received September 21, 2012)