1035-20-1697 **W Ethan Duckworth*** (`educkworth@loyola.edu`), Mathematical Sciences Department, Loyola College, 4501 N. Charles St., Baltimore, MD 21234. *Pseudo-Levi subgroups and finite double coset collections.* Preliminary report.

This talk will address the role that Pseudo-Levi subgroups play in deciding when one has a finite collection of double cosets of an algebraic group. We will present a condition based on a theorem of Richardson, that shows the existence of an infinite number of double cosets. Then we will discuss methods of analyzing this condition. (Received September 20, 2007)