1158-05-336 **Oscar Vega*** (ovega@csufresno.edu), **Elizabeth Compton** (lizzy4brown@mail.fresnostate.edu), **Maria Diaz** (mdiaz1824@mail.fresnostate.edu) and **Yuliana Segura** (segura_yuli@mail.fresnostate.edu). *The commuting and the power graphs of split metacyclic groups.* Preliminary report.

The commuting graph of a group G has vertex set equal to $G \setminus Z(G)$, and edges existing only when two elements commute. The (directed or undirected) power graph of a group G has the set of elements of G as vertex set, and an edge connecting g_1 with g_2 if and only if $< g_1 > \subseteq < g_2 >$ or $< g_2 > \subseteq < g_1 >$.

In this talk, we will discuss the structure of these graphs for large families of split metacyclic groups. (Received March 03, 2020)