1167-20-288 **Mark Mixer*** (`mixerm@wit.edu`). *Constructing low rank string C-groups of fixed permutation degree.* Preliminary report.

A string C-group of rank r is a smooth quotient of a rank r Coxeter group satisfying a particular condition on subgroups known as the intersection condition. In this talk we consider a construction which, given a permutation representation of certain string C-groups, can produce new string C-groups with the same rank and of larger permutation degree. This construction can be utilized to build low rank string C-groups isomorphic to symmetric or alternating groups with large degree. (Received March 09, 2021)