Given a self-similar group $G$ acting on a regular rooted $d$-ary tree, we consider the subgroup $V_d(G)$ of almost automorphisms of the tree that “locally look like” $G$. This forms a Nekrashevych group and provides a natural way of joining the Higman-Thompson group $V_d$ with the self-similar group $G$.

In this talk, we discuss finiteness properties of certain Nekrashevych groups. This work follows and expands on work of Belk and Matucci who considered the Rover group, $V_2(G)$ where $G$ is the Grigorchuk Group. (Received September 25, 2017)