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Title: Quasi-projective Bestvina-Brady groups.

To each finite simple graph G, there is associated a right-angled Artin group  $A_G$ , and a Bestvina-Brady group  $N_G$ . An analysis of the cohomology jumping loci of these groups yields a complete characterization of those graphs G for which the groups  $A_G$  and  $N_G$  arise as fundamental groups of smooth, quasi-projective varieties. This leads to examples of quasiprojective groups which are not commensurable (even up to finite kernels) to the fundamental group of any aspherical, quasi-projective variety.

This is joint work with Alex Dimca and Stefan Papadima.