

Some Combination Theorems

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In this talk, we will discuss some combination theorems of relatively hyperbolic groups along relatively quasiconvex subgroups using Bowditch graphs. We also talk about combination of relatively quasiconvex subgroups. This is a joint work with Dani Wise. If time permits, I will talk about combination theorems of groups containing a hyperbolically embedded collection of subgroups which is a joint work in progress with Eduardo M. Pedroza.