

Relative automorphisms of right-angled Artin groups

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Abstract: We look at the group of outer automorphisms of a right-angled Artin group preserving a set of special subgroups (i.e. subgroups coming from subgraphs of the defining graph). I will give some examples to show how these groups arise naturally in the study of the whole automorphism group, and sketch how such groups are finitely generated, and up to finite index, have finite classifying spaces. This is joint work with Matthew B Day.