

**BI-CO MATHEMATICS  
COLLOQUIUM**

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**"Graph products of groups and their  
automorphisms"**

**Monday, October 30, 2017**

**Talk at 4:00 – H109**

**Tea at 3:30 – Foyer outside of H109**

**Abstract:**

If you have heard of a direct product of groups and a free product of groups, then a graph product is a very natural construction. The construction allows for the structure of a graph to inform the algebraic properties of a group, and so by tinkering with graphs one may construct examples of groups with particular properties. In this talk we will introduce graph products of groups, and then discuss certain developments in the study of the automorphism groups of graph products of cyclic groups.

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