

Welcome to International Group Theory Web Seminar

Henry Wilton

"One-ended subgroups of graphs of free groups."

January 20, 12:00am (New York Time).

Abstract:

A longstanding question in geometric group theory asks whether every hyperbolic group with the property that every subgroup of infinite index is free is the fundamental group of a surface. This question is still open for some otherwise well-understood classes of groups. In this talk, I will explain why the answer is affirmative for graphs of free groups with cyclic edge groups. I will also discuss the extent to which these techniques help with the harder problem of finding surface subgroups.

Next presentation: **Alexei Miasnikov. TBA**

