

MATHEMATICS
SEMINAR

Geometric Group Theory and Untangling Earphones

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Abstract: Suppose you get your earphones entangled around a doughnut with two holes... an entirely probable scenario, right?! Then how "big" does your doughnut need to be, for you to successfully untangle your earphones? This is going to be a gentle introduction to groups, and how they connect to geometry. We will slowly build up to answering our original question. No prior experience with groups, geometry, or topology is required or assumed. This is joint work with Ilya Kapovich.

Wednesday, February 2, 2022, 10:00 am
MSC W201 and Zoom

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