Algebra/Topology Seminar

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Scissors Automorphism Groups and Homological Stability

Thursday, October 24, 2024
3:00 p.m. in BB-B012

ABSTRACT. In this talk we will outline the proof of homological stability for scissors automorphism groups and highlight a number of consequences and related results. These include plus and group completion constructions for assembler K-theory, interpreting higher K-theory in terms of automorphism groups, and homology calculations for some scissors automorphism groups. The content of the talk is joint work with Kupers, Malkiewich, Miller, and Sroka.