Hyperbolic knots are not generic

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Thursday, September 26, 2019
004 Kemeny Hall, 3:30PM
Tea 3:00PM 300 Kemeny Hall

Abstract

A well-known conjecture in knot theory says that the proportion of hyperbolic knots among all of the prime knots of $n$ or fewer crossings approaches 1 as $n$ approaches infinity. We disprove this conjecture. This is joint work with Yury Belousov.

This talk should be accessible to graduate students.