Winter Colloquium Series

Counting Invariants and Enhancements

Prof. Sam Nelson
Claremont McKenna College

Abstract:

Several algebraic structures related to knots have been defined in recent years, with names like "kei", "quandles", "biquandles" and "biracks". Each example of these algebraic structures defines a computable knot invariant called a counting invariant. In this talk we will see how these invariants are defined and how they can be enhanced to get even stronger invariants of knots and links.

Wednesday, February 25, 1:05 - 1:50pm in 3-1639