



undergraduate mathematics colloquium
clay ▪ bluman ▪ anstee ▪ martin ▪ kohler ▪ cytrynbaum

Adam Clay: *Introduction to Knot Theory*

I will begin by describing some of the basic tools used in knot theory, namely knot diagram and Reidemeister moves. Next, we'll talk about knot invariants, and I will give examples of some of the classical knot invariants which are founded on the notion of knot diagrams. A good example of such an invariant is "knot tricolourability". Time permitting, I will also touch on some of the more powerful knot invariants, such as the Alexander polynomial.

UBC/UMC is on **wednesday**, september 23
3:00 to 4:00 in **GEOG 214** (GEOG is located just west of MATH)

drinks and snacks will be provided

for more information check out www.math.ubc.ca/~fsl, and follow the link at the bottom