

Friday, September 14, 2018, 4:10 pm

COLLOQUIUM TALK

Speaker: Charles Delman (EIU)

Old Main 2231

An Informal Primer on the Alexander Polynomial

Abstract:

The Alexander Polynomial is a classic example of the interface and interplay between geometric topology, algebraic topology, and algebra, the first but not least in a long line of increasingly powerful polynomial invariants of knots and 3-manifolds. Recently it has arisen in recent joint work of Petrenko. At Bogdan's request, I will present an informal introduction to the Alexander polynomial and its relation to Seifert surfaces, cyclic covering spaces, and homology.

SNACKS IN FACULTY LOUNGE AT 3:30 PM.
EVERYONE WELCOME (EVEN IF YOU ARE UNABLE TO ATTEND
THE TALK)
