

MCS COLLOQUIUM

**Dr. Matt Insall,
Missouri University of Science and Technology**

will present

The Lattice of Closed Convex Sets

2:30 pm

Wednesday, November 19th

Violette Hall 1216

A lattice is an algebraic structure in the vein of semigroups, groups and rings. We will look at the lattice generated by closed convex subsets of the plane. Meet is set intersection and the join is the convex hull of the union. We show that this lattice is not modular.

After his talk, Dr. Insall will discuss graduate school in mathematics.

Cookies and Refreshments!!!