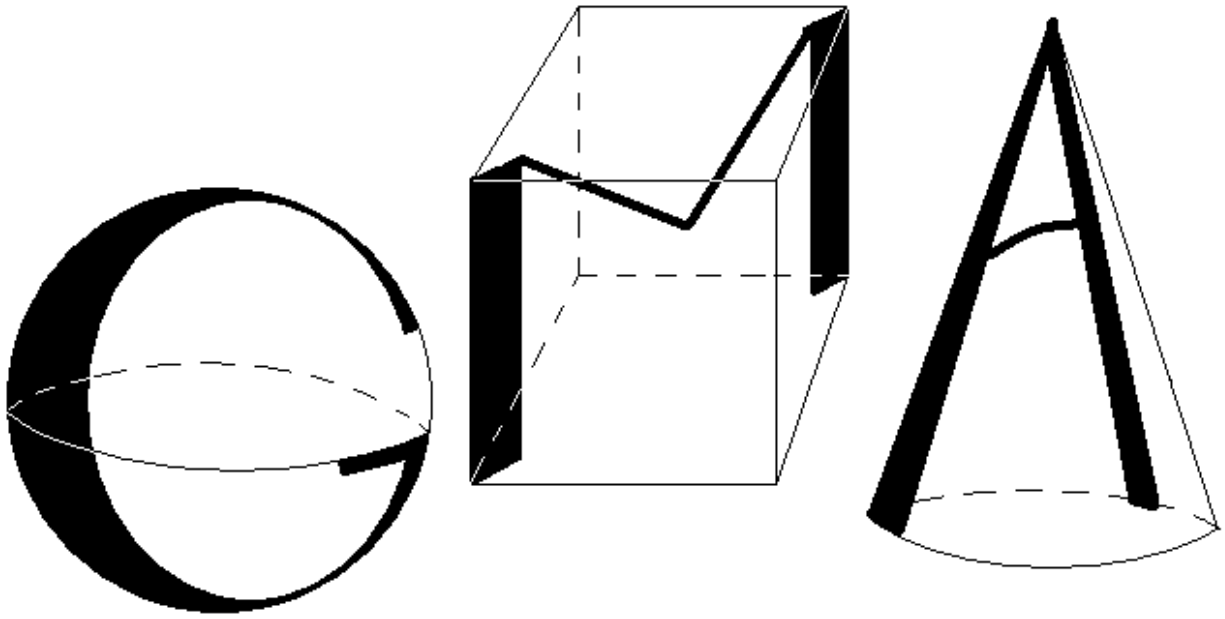

Colloquium

Date: Wednesday, March 14, 2018
Speaker: Jamie Scott
Title: An Introduction to Inverse Semigroups
Abstract: Inverse semigroups are a particularly nice generalization of groups: as groups are the objects represented bijections, inverse semigroups are the objects represented by partial bijections. Inverse semigroups are a theory that encapsulates both groups and semilattices while letting things still work out relatively nicely; some theorems of groups can even be generalized to inverse semigroups. This talk will define inverse semigroups, go over a few examples including symmetric inverse monoids, prove a few relatively simple things to get a feel for the subject, and go over (without proof) one or two places they appear elsewhere in math.