

Talk Math 2 Me

(A mathematics seminar for students and by students)

Undergraduate Mathematics Major, **Austin Laine** will speak on:

Cardinality with ZFC:

An Introduction to Infinity with Sets

Friday October 7, 2022

DERR 113

12:00pm-1:00pm

Abstract

In this talk, we will introduce ZFC (Zermelo–Fraenkel with axiom of choice) and build the natural numbers. We will then discuss linear orderings and define ordinal numbers. Finally, we will define cardinal numbers and show that there are different sizes to infinity. The target audience is Undergraduate and early Graduate math majors however, non-math majors are welcome as well.

For details about Talk Math 2 Me, email Ellen Couvillion (ebr21@txstate.edu) or visit:

