



Department of Mathematics and Statistics

COLLOQUIUM

Tuesday, February 9th, 2016

4:00 – 5:00 pm, Adel Mathematics Bldg., Room 164
(refreshments at 3:45)

Dana Ernst

NAU

Several representations of my favorite open problem

Abstract: How many commutation classes does the longest element in the symmetric group have? I'll begin by explaining this open problem in the context of Coxeter groups and then discuss several equivalent representations. Time permitting, I will also summarize some recent work with undergraduate Dustin Story on our quest to improve upon the known upper bounds.

Algebra Combinatorics Geometry and Topology (ACGT) Seminar meets every Tuesday, 12:45 – 1:45 pm, AMB 164.

Applied Math Seminar (AMS) will meets every Thursday, 12:45 – 1:45 pm, AMB 164.

Friday Afternoon Undergraduate Mathematics Seminar (FAMUS) meets Fridays, 3pm, AMB 164.