

# Department of Mathematics

## *Fall 2017 Colloquium Series*

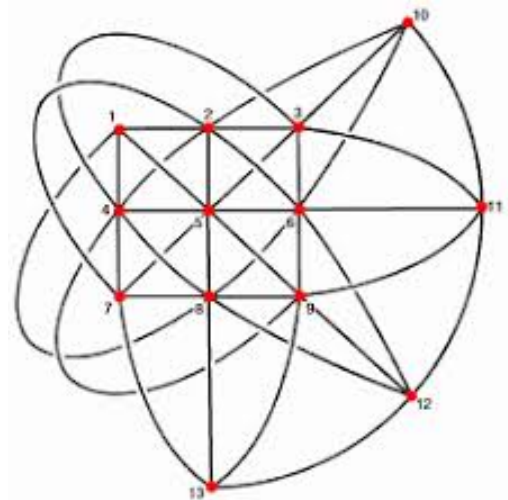
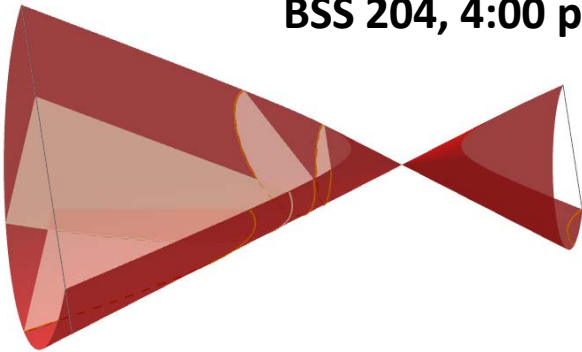
### Conics in the Euclidean, Projective, and Hyperbolic Planes

Dale Oliver

Humboldt State University

Thursday, September 28, 2017

BSS 204, 4:00 pm



Conics in the Euclidean plane have been studied since the time of the ancient Greeks. What about conics in the projective plane, or the hyperbolic plane? In this colloquium I intend to discuss conic sections in these planes. We will start in the real projective plane, move to the finite projective plane - and point to an application to coding theory - and, time permitting, end with the hyperbolic plane. There will be pictures.

Professor Dale Oliver is in his 27th year in the Department of Mathematics. His interest in conics was re-awakened while teaching Math 371 (Geometry) this past spring. He is grateful for inquisitive students.

To view this poster online, go to <http://www.humboldt.edu/math/news-and-events/math-colloquium>

***We cordially invite you to the Pre-Colloquium Tea on the third floor of the BSS building at 3:30 pm on Tuesday***