

The SUMO Speaker Series for Undergraduates

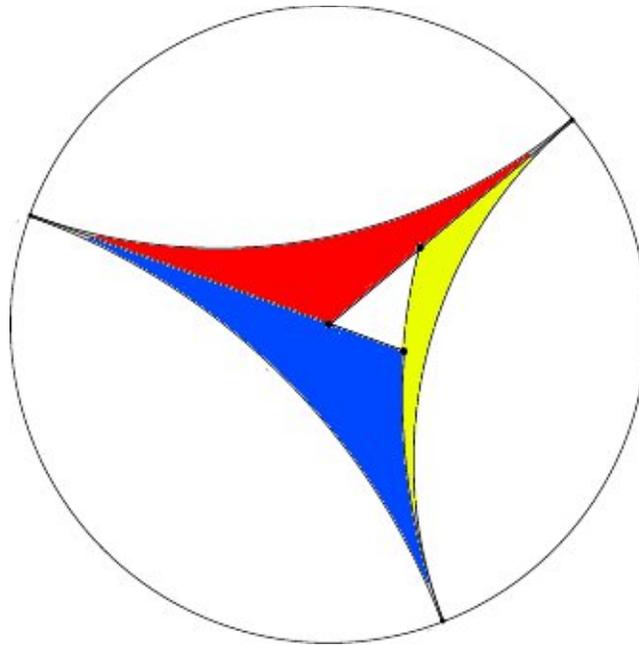
(Pizza Provided)

Wednesday, October 5th

4:15-5:05, room 380C

Kubert's Relations and Volume Formulas in Hyperbolic Geometry

Sam Lichtenstein



ABSTRACT:

By changing the definition of the length of a path in a half-plane or a half-space, one gets new 2- and 3-dimensional "hyperbolic" versions of geometry. I'll explain what triangles and tetrahedrons are in these geometries. The problem of computing their areas or volumes will lead to considering some interesting functions.

sumo.stanford.edu/speakers