

## **Number theory and visualizing kleinian groups**

Katherine Stange, University of Colorado, Boulder

We'll discuss how number theory relates to visualizations of Kleinian groups called Bianchi groups. I'll discuss how some orbits under Bianchi groups (called Schmidt arrangements) are analogous to the Farey fractions, and talk about Apollonian circle packings and their generalizations. There will, again, be lots of pictures.