



## TITLE

### Visualizing Hyperbolic Geometry



## SPEAKER: DR. EVELYN LAMB

- Assistant Professor of Mathematics, University of Utah
- Project NExT Fellow and awardee of the AMS-AAAS Mass Media Fellowship

## THE LECTURE

For two thousand years, mathematicians tried to prove that Euclidean geometry, the geometry you probably learned in high school, was all there was. But it's not! In the early nineteenth century, Jnos Bolyai and Nikolai Lobachevsky independently discovered that by tweaking one of Euclid's rules, geometry can look totally different. We will explore the rich world of hyperbolic geometry, one of the new and beautiful systems of geometry that results from this tweak. Our guides on the adventure will be mathematically inspired artists and artistically inspired mathematicians, including M.C. Escher, Daina Taimina, and Henry Segerman.

## YOU ARE INVITED:

All are welcome, no special physics or mathematics knowledge is required.

## SPONSORS

This event is sponsored by: Department of Mathematics, CUNY-CSI, and Simons Foundation

## TIME AND LOCATION

- Lecture: 2:30 pm - 3:30 pm, May 8, 2014
- Building 1P-119, Lecture Hall
- College of Staten Island, CUNY
- 2800 Victory Blvd., Staten Island, NY 10314