

THE TRIVIAL NOTIONS SEMINAR

Counting Geodesics on Hyperbolic Surfaces

a talk by

Yan Sheng Ang

ABSTRACT

Given a hyperbolic surface, it is a classical question to determine the asymptotic growth rate for different types of geodesics on it. In this talk, I will outline an explicit, hands-on solution for the class of geodesics with both ends up the cusp; describe some applications to number theory; and give an overview of the modern perspective on the problem.

Friday, February 17, 2022

1:45pm

Science Center, Room 507