BIG PROBLEMS / BIG IDEAS

Ser-Wei Fu

will speak on

From interval exchange maps to hyperbolic 3-manifolds

ABSTRACT: Interval exchange maps are innocent looking piecewise linear maps from an interval to itself. They turn out to be closely related to understanding billiards in rational polygons and singular foliations on closed surfaces. The idea behind the talk is the application of first recurrence maps in low-dimensional topology. The goal of the talk is to explain why anyone should care about the big words mentioned in this abstract.

WEDNESDAY, OCTOBER 28
LECTURE AT 1:30 PM
WACHMAN 617