

TEMPLE UNIVERSITY MATHEMATICS COLLOQUIUM

Yair Minsky

Yale University

will speak on

Gluing, models and rigidity in hyperbolic geometry

ABSTRACT: A recurring theme in the theory of 3-manifolds is that when two manifolds are attached along a common boundary with a sufficiently complicated map, the resulting manifold retains some of the topological and geometric features of the originals. A prototypical example is Thurston's Dehn surgery theorem. We will discuss some settings and conditions under which one can realize concrete versions of this theme. This is joint work with Brock, Namazi and Souto.

MONDAY, NOVEMBER 5, 2012

LECTURE AT 4:00 PM

COFFEE, TEA, AND REFRESHMENTS FROM 3:40 PM

ROOM 617, WACHMAN BUILDING

DEPARTMENT OF MATHEMATICS