

COLLOQUIUM
UNIVERSITY OF PITTSBURGH
FRIDAY, APRIL 22, 2016
704 THACKERAY HALL

3:30 P.M.

ALAN REID

DEPARTMENT OF MATHEMATICS
UNIVERSITY OF TEXAS AT AUSTIN

PROFINITE RIGIDITY & FLEXIBILITY
FOR RESIDUALLY FINITE GROUPS

ABSTRACT: This talk will discuss the question: To what extent are groups determined by their finite quotients? We will discuss examples of both positive and negative answers, as well as discussing how recent developments in understanding the fundamental groups of compact 3-manifolds (due to Agol and Wise) impacts on the question for the fundamental groups of certain hyperbolic 3-manifolds.

Refreshments served at 3:00 p.m.
in the Math Dept. COMMON ROOM, Thackeray 705