Temple University Mathematics Colloquium

Peter Storm

University of Pennsylvania

will speak on

Hyperbolic Reflection Groups

ABSTRACT: The deformation theory of hyperbolic structures has grown into a large subject since Thurston's major advances 30 years ago. A nice way to view this theory, with a minimum of vocabulary, is through reflection groups. This talk will demonstrate what deformation theory means for low dimensional reflection groups, and show some nice examples. The goal would be to demonstrate how flexibility becomes harder to find as one moves from 2 dimensions to 4 or more.

Monday, 22 October 2007
Lecture at 4:00 pm
Coffee, tea, and refreshments from 3-5 pm
Room 617, Wachman Building
Department of Mathematics