

Department of Mathematics
University of Oklahoma

Karcher Special Lecture
Wednesday, November 18, 2009
3:45 P.M. in PHSC 809
Tea at 3:15 P.M. in PHSC 424

Title: *Conformal deformations of finite volume hyperbolic 3-orbifolds*
Speaker: *Philip Huling, St Louis University*

Abstract:

We find the dimension of the deformation space of a large class of cofinite Coxeter groups and then develop tools to analyze the deformation space of groups commensurable with them. Specifically, we are able to describe the deformation spaces of those Bianchi groups which have a finite index Coxeter subgroup.