CCSU
DEPARTMENT OF MATHEMATICAL SCIENCES

COLLOQUIUM

Thursday, March 29
3:30 – 4:20 PM
Maria Sanford, Room 101

INTRODUCTION TO HYPERBOLIC 3-MANIFOLDS AND KLEINIAN GROUPS

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Abstract

In this talk, I will introduce the basic definitions and properties about 3-manifolds and Kleinian groups. I will discuss two models of 3-dimensional hyperbolic space at first, then I will discuss the Kleinian groups and 3-dimensional hyperbolic manifolds. At the end of this talk, we will discuss some results of my research on hyperbolic 3-manifolds and Kleinian groups.

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