

Mathematics Colloquium

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**Tameness of Hyperbolic
3-Manifolds**

We show that hyperbolic 3-manifolds with finitely generated fundamental group are tame, that is the ends are products. We actually work in slightly greater generality with pinched negatively curved manifolds with hyperbolic cusps. This answers a conjecture of Marden and implies the Ahlfors measure conjecture. Applications are given to other questions about Kleinian groups and 3-manifolds.

Thursday, October 14

5:30 pm

**Please note special day and time
204 Smith Hall**