

Meeting: 1002, Pittsburgh, Pennsylvania, Brock,

1002-57-3 **Jeffrey F. Brock***, Brown University. *Ending laminations, tame ends, and the classification of hyperbolic 3-manifolds.*

In the 1970s, W. Thurston outlined a conjectural classification of hyperbolic 3-manifolds with finitely generated fundamental group in terms of their topology, cusps, and certain asymptotic invariants. In this talk, I will outline his conjectural picture and detail a recent series of results that have led to its conclusion as well as to a complete combinatorial road map for the geometries of these 3-manifolds.

In addition to results of others, this talk will describe joint work with Dick Canary and Yair Minsky. (Received November 19, 2003)