

1056-53-1227      **D. B. McReynolds\*** (dmcreyn@math.uchicago.edu), Chicago, IL 60647, and **Alan W. Reid**,  
Austin, TX. *The genus spectrum of a hyperbolic 3-manifold.*

In this talk, I will discuss recent work with Alan Reid on higher dimensional spectra. The focus will be on totally geodesic surfaces in hyperbolic 3-manifolds. (Received September 21, 2009)