Meeting: 999, Nashville, Tennessee, SS 10A, Special Session on Geometry of Hyperbolic Manifolds

999-57-257 **Joseph D Masters*** (jdmaster@buffalo.edu), Math Department, SUNY Buffalo, Buffalo, NY 14260-2900. *Thick surfaces in hyperbolic 3-manifolds.*

If G is a quasi-Fuchsian surface group in $PSL_2(\mathbb{C})$, let $t(G)$ denote the thickness of the convex core of G. We show that for every fibered, closed, hyperbolic 3-manifold $M = \mathbb{H}^3/\Gamma$, there exists a sequence of quasi-Fuchsian surface subgroups $G_i \subset \Gamma$ such that $t(G_i) \to \infty$. (Received August 24, 2004)