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Department of Mathematics, West Lafayette, IN 47907, and **Alan W. Reid**
(areid@math.utexas.edu). *The full surface spectrum of a hyperbolic 3-manifold.*

In this talk, I will discuss how one can use surfaces to recover the commensurability class of a closed hyperbolic 3-manifold. Moreover, there can only be finitely many closed 3-manifolds with the same set of surfaces. This work is joint with Alan Reid. (Received January 08, 2015)