1118-51-120 **Viveka Erlandsson*** (viveca.erlandsson@aalto.fi). *Counting curves on hyperbolic surfaces.*

In this talk I will discuss the growth of the number of closed geodesics of bounded length, as the length grows. More precisely, let γ be a closed curve on a hyperbolic surface $\Sigma = \Sigma(g, n)$ and let $S_\gamma(L)$ denote the number of curves in the mapping class orbit of γ with length bounded by L. Due to Mirzikhani it is known that in the case that γ is simple this number is asymptotic to $L^{6g-6+2n}$. Here we consider the case when γ is an arbitrary closed curve, i.e. not necessarily simple. This is joint work with Juan Souto. (Received January 27, 2016)