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Esch-sur-Alzette, Luxembourg. *Short closed geodesics on cusped hyperbolic surfaces.*

We consider the set of closed geodesics on cusped hyperbolic surfaces. Given any non-negative integer  $k$ , we are interested in the set of closed geodesics with at least  $k$  self-intersections. Among these, we investigate those of minimal length. In this talk, we will discuss their self-intersection numbers. (Received February 25, 2021)