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**Svetlana Jitomirskaya** and **Wencai Liu\*** (liuwencai1226@gmail.com), Blocker 221C, College Station, TX 77843. *Constructions of asymptotically hyperbolic manifolds with singular continuous spectrum embedded into the essential spectrum of the Laplacian.*

In this talk, we will construct asymptotically hyperbolic Riemannian manifolds with singular continuous spectrum embedded in the absolutely continuous spectrum (essential spectrum) of the Laplacian. Moreover, our constructions provide sharp curvature bounds. This is joint work with S. Jitomirskaya. (Received September 11, 2019)