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**Xiaolong Han\*** ([xiaolong.han@csun.edu](mailto:xiaolong.han@csun.edu)), California State University, Northridge, Northridge, CA 91325. *Distribution of real nodal sets of ergodic eigenfunctions on analytic manifolds.*

This talk is concerned with the distribution of the real nodal sets of Laplacian eigenfunctions on analytic manifolds. In particular, given equidistribution of the eigenfunctions at certain scales, we show that the hypersurface volume form of the nodal sets is comparable with the volume form of the manifold. (Received June 12, 2017)