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Daniel Ingebretson*, UIC Dept. of Math, Stat, and Comp. Sci., 322 Science and Engineering Offices (M/C 249), 851 S Morgan St., Chicago, IL 60607. *Hausdorff dimension of Kuperberg minimal sets.*

Seifert's conjecture was answered negatively in 1994 by Kuperberg who constructed a smooth aperiodic flow on a three-manifold. This construction was later found to contain a nontrivial minimal set with a complicated topology. The minimal set is embedded as a surface lamination with a Cantor transversal of Lebesgue measure zero. In this talk we will discuss the pseudogroup dynamics on the transversal, the induced symbolic dynamics, and the Hausdorff dimension of the Cantor set. (Received July 10, 2017)