1077-57-2615 Christopher K Atkinson* (ckatkin@temple.edu), Wachman Hall, 1805 N. Broad St., Temple University, Philadelphia, PA 19122, and David Futer (dfuter@temple.edu), Wachman Hall, 1805 N. Broad St., Temple University, Philadelphia, PA 19122. Small volume link orbifolds. Preliminary report.

We will discuss recent investigations of small volume hyperbolic 3–orbifolds with singular locus a link. In the special case where the singular locus is a knot in the 3–sphere, we identify the smallest volume example. We will also describe more general results on lower volume bounds for hyperbolic 3–orbifolds with singular locus a link and identify the smallest volume example in certain cases. (Received September 22, 2011)