1114-54-111Robin T. Wilson* (robinwilson@cpp.edu), 3801 West Temple Ave, Pomona, CA 91768, and
Jesse Johnson and Roberto Pelayo. The Coarse Geometry of the Kakimizu complex.

Given a link L in the 3-sphere, one can build simplicial complexes MS(L) and IS(L), called the Kakimizu complexes. These complexes have isotopy classes of minimal genus and incompressible Seifert surfaces for L as their vertex sets and have simplicial structures defined via a disjointness property. We will discuss a recent result that states that the Kakimizu complex of minimal genus Seifert surfaces for a knot in the 3-sphere is quasi-isometric to a Euclidean integer lattice \mathbb{Z}^n for some $n \ge 0$. (Received August 17, 2015)