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Jennifer Schultens* (jcs@math.ucdavis.edu), Dept of Mathematics, UC Davis, 1 Shields Ave, Davis, CA 95618. *The Kakimizu complex of a surface*. Preliminary report.

The Kakimizu complex was traditionally defined for a knot. P. Przytycki and the author generalized its definition to 3-manifolds. This talk veers in a rather different direction: Defining Kakimizu complexes in the context of surfaces. This talk will provide key definitions and a discussion of how this endeavor, rife with stumbling blocks, provides rich insights that can be translated back into the context of Kakimizu complexes of 3-manifolds. (Received August 26, 2014)