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**Weimin Chen\*** ([wchen@math.umass.edu](mailto:wchen@math.umass.edu)), Department of Mathematics and Statistics, University of Massachusetts -Amherst, Amherst, MA 01003. *On the Floer homology of symplectic orbifolds.*

This is an on-going project in which we will develop, in the orbifold context, a general framework for the various Floer homology theories, in particular, the Floer homology theory for the problem of periodic orbits in a symplectic orbifold. Special attention will be given to the case of the symmetric products of a symplectic manifold. Applications to orbifold string topology will also be considered. (Received January 06, 2009)