Mohammed Abouzaid* (mabouzai@math.uchicago.edu), 5734 S. University Ave, University of Chicago, Chicago, IL 60637. On the Fukaya Categories of Surfaces.

After introducing the Fukaya category of a closed surface, I will explain how one can use the structure of the mapping class group to compute the K theory of this category. Time permitting, I will sketch some connections with higher dimensional phenomena. (Received August 12, 2006)