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Mu-Tao Wang* (mtwang@math.columbia.edu). *Mean curvature flows of Lagrangian graphs and isotopy problems*. Preliminary report.

We discuss two types of Lagrangian graphs: graphs of symplecto-morphisms of symplectic manifolds and graphs of one-forms in cotangent bundles. In each case, we present global existence and convergence results of the mean curvature flow and applications to isotopy problems. (Received February 17, 2009)