1093-53-95   **Mao-Pei Tsui*** (`mao-pei.tsui@utoledo.edu`), Department of Mathematics and Statistics, University of Toledo, 2801 W. Bancroft St, Toledo, OH 43606. *Curvature Decay Estimate of Graphical Mean Curvature Flow in Higher Codimensions.*

K . Ecker and G. Huisken have derived a priori estimate for the curvature(second fundamental forms) when they study the mean curvature flow of the graph of a function in Euclidean space. In this talk, I will explain that a similar curvature estimate also exists for higher codimensional mean curvature flow under certain natural conditions. This is joint work with Knut Smoczyk and Mu-Tao Wang. (Received August 03, 2013)