1078-53-231 Qun Li* (qun.li@wright.edu), Damin Wu and Fangyang Zheng. An example of compact Kahler manifold with nonnegative quadratic bisectional curvature.

In this talk, we will demonstrate the existence of a compact Kahler manifold with nonnegative quadratic bisectional curvature, which does not admit any Kahler metric of nonnegative orthogonal bisectional curvature. The manifold is a 7-dimensional Kahler C-space with second Betti number equal to 1, and its canonical metric is a Kahler-Einstein metric of positive scalar curvature. (Received December 09, 2011)