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**Zhiqin Lu** and **Hang Xu\***, hangx@math.uci.edu.  *$L^2$  estimates on noncomplete Kähler manifolds.*

I will introduce the  $L^2$  estimates on noncomplete Kähler manifold whose boundary has zero capacity. As an application, the moduli space of polarized Calabi-Yau manifolds satisfies such a condition and we can do  $L^2$  estimates on it. This is a joint work with Zhiqin Lu. (Received February 15, 2016)