Hamid Hezari, Zhiqin Lu and Hang Xu*, Department of Mathematics, UC San Diego, 9500 Gilman Drive # 0112, La Jolla, CA 92093. On the asymptotic properties of the Bergman kernel. Consider the Bergman kernel associated to the tensor power of a positive line bundle on a compact Kähler manifold. We will present our work on its near-diagonal asymptotic and off-diagonal decay properties. This is joint work with H. Hezari and Z. Lu. (Received August 31, 2019)