1147-53-219 **Jianchun Chu*** (jianchun@math.northwestern.edu), Department of Mathematics, Northwestern University, 2033 Sheridan Road, Evanston, IL 60208. C^{1,1} regularity of geodesics of singular Kähler metrics.

In this talk, I will show the optimal $C^{1,1}$ regularity of geodesics of Kähler metrics on compact Kähler varieties away from the singular locus. This is a joint work with Nicholas McCleerey. (Received January 11, 2019)