1147-32-651 **Sui-Chung Ng*** (scng@math.ecnu.edu.cn). *Splitting complex submanifolds of Hermitian locally symmetric spaces.*

Let S be a complex submanifold of a complex manifold X. We say that S splits in X if the restriction of the tangent bundle of X on S is holomorphically isomorphic to the direct sum of the tangent bundle and the normal bundle of S. We are going to look at the case where S is compact and X is a Hermitian locallly symmetric space of non-compact type. It turns out that there is a lower bound for the dimension (depending on X), above which S must be totally geodesic. This is a joint work with N. Mok. (Received January 27, 2019)