Title: Generalization of a theorem by Clunie and Hayman

Speaker: Matthew Barrett (Purdue University)

Abstract: We consider holomorphic curves $f : \mathbf{C} \to \mathbf{P}^n$ which omit n hyperplanes in general position and prove that if the spherical derivative satisfies $\|f'\| = O(r^\sigma)$, then $T(r, f) = O(r^{\sigma+1})$, as $r \to \infty$. Clunie and Hayman proved this in 1966 for the case $n = 1$. This talk is based on joint work with Alexandre Eremenko.