

**ON SOME FULLY NONLINEAR PDES ON COMPACT  
COMPLEX MANIFOLDS**

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**Time: Thu, Oct. 29, 16:00-16:30**

**Venue: Room 2201, East Main Guanghai Tower**

**Abstract:** We consider two classes of fully nonlinear equations on compact complex manifolds. In the first part, we introduce a new class of fully nonlinear equation on a compact Kahler manifold. We derive some a priori estimates in some special cases. In the second part, we derive the second order estimate of solutions of a parabolic Monge-Ampere type equation and we prove a convergence result.