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# Joint Geometric Analysis Seminar

(Part of MIST program)

*Organizers: Professor Conan Leung and Professor Martin Li*

## Compact Manifolds with Negative Curvature Operator

*Professor Man Chun Lee*  
Northwestern University / IMS

**Abstract:** A recent breakthrough of Wu and Yau asserts that a compact projective Kahler manifold with negative holomorphic sectional curvature must have ample canonical line bundle. In this talk, we will discuss an approach using geometric heat flow and the extended work when the Kahler condition is a-priori unknown. This is joint work with J. Streets.

Date: Thursday, 9 January 2020  
Venue: Rm. 502a, Academic Building No.1  
The Chinese University of Hong Kong, Shatin  
Time: 10:30 a.m. – 11:30 a.m.

*All are Welcome!*