Institute of Mathematical Research
Department of Mathematics

Geometry Seminar

Compact manifolds with non-negative quadratic orthogonal bisectional curvature

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Date:	September 30, 2013 (Monday)
Time:	3:30 – 4:30pm
Venue:	Room 210, Run Run Shaw Bldg., HKU

Abstract

I will discuss the classification of compact Kähler manifolds with non-negative quadratic orthogonal bisectional curvature. An overview will be given in the cases of bisectional and orthogonal bisectional curvature. The case of quadratic orthogonal bisectional curvature will then be discussed including splitting theorems and the curvature of Kähler C-spaces. The talk is based on joint work with L.F. Tam.

All are welcome