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Joint Geometric Analysis Seminar

Chern Ricci flow on non-compact manifolds with applications

Mr. Man Chun Lee

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Abstract: In this work, we study geometric flow of metrics along the direction of Chern Ricci. We obtain an existence criteria for Chern Ricci flow on non-compact manifolds. Using this, we study the Ricci flow on non-collapsing Kaehler manifolds with non-negative bisectional curvature and give an alternative proof of Gang Liu's result on Yau's uniformization conjecture. This is joint work with Prof. LF Tam.

Date: 21 September 2017 (Thursday)

Time: 10:30 a.m. – 11:30 a.m.

Venue: Room 502A, Academic Building No.1

The Chinese University of Hong Kong, Shatin

All are Welcome!