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**The Hong Kong University of Science and Technology**

**Department of Mathematics**

**Seminar on Pure Mathematics**

**Kahler Ricci flow around complete bounded  
curvature metrics**

by

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**Abstract**

A classical result by Shi states that a complete Kahler metric with bounded curvature can be deformed by the Ricci flow with improved geometry. This result served as a basic ingredient for more advanced existence of the Kahler Ricci flow. In this talk, we discuss a generalization of Shi's result which only requires the metrics to be uniform equivalent to a metric with bounded curvature. This is a joint work of A. Chau.

**Date: Friday, 26 July 2019**

**Time: 3:00p.m. - 4:00p.m.**

**Venue: Room 4502, Academic Building  
(near Lifts 25-26), HKUST**

***All are welcome!***