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Room 220, Lady Shaw Building, The Chinese University of Hong Kong, Shatin, N.T., Hong Kong

# Joint Geometric Analysis Seminar

*Ricci flows with unbounded  
curvature and their applications*

*Dr. Man Chun Lee*

*University of British Columbia  
The Institute of Mathematical Sciences,  
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## Abstract

Let  $M$  be a complete noncompact Riemannian manifold. A classical theorem by Shi states that if the curvature is bounded, then the metric can be deformed along the Ricci direction with improved geometric quantity. In this talk, we will survey some known existence result with unbounded curvature initially. We will also discuss some recent works on the study of Gromov Hausdorff limit space using Ricci flow technique.

Date: 10 July 2019 (Wednesday)

Time: 10:30am – 11:30am

Venue: Room 502a, Academic Building No.1 ,  
The Chinese University of Hong Kong, Shatin

*All are Welcome*