

# DIFFERENTIAL GEOMETRY/PDE SEMINAR

WEDNESDAY, NOVEMBER 25, 2009

PADEL FORD C-36

4PM–5PM

On the parabolic complex Monge Ampere equation and applications

**Albert Chau**

(UBC)

In this talk I will discuss a general complex parabolic Monge Ampere equation on complete non-compact Kahler manifolds. Short time existence and estimates for this equation will be discussed then applied to prove results on the long time existence and convergence of the Kahler Ricci flow on complete non-compact Kahler manifolds.

For more information about this seminar, visit the DG/PDE Seminar Web page (from the Math Department home page, [www.math.washington.edu](http://www.math.washington.edu), follow the link **Seminars, Colloquia, and Conferences**).

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