

DIFFERENTIAL GEOMETRY/PDE SEMINAR

FRIDAY, JULY 9, 2010

PADELFORD C-401

4:30–5:30PM

Long-time and self-similar solutions to the Lagrangian mean
curvature flow of entire graphs

Albert Chau

(UBC)

I will introduce the mean curvature flow equation, focusing on the flow of entire Lagrangian graphs in complex Euclidean space. In this context I will discuss joint results on the existence of longtime smooth solutions, and also self-similar solutions to the flow. This talk is based on joint work with Jingyi Chen, Weiyong He and Yu Yuan.

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

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