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

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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**).