

DIFFERENTIAL GEOMETRY/PDE

FRIDAY, MAY 15, 2015

PADELFORD C-36

4–5PM

Entire downward translating solitons to the mean curvature
flow in Minkowski space

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In 2005, Mark A. S. Aarons conjectured that if u is a downward translating solution to the mean curvature flow with forcing term in Minkowski space, then it has to be rotationally symmetric or flat. In this talk, we will discuss some classical results related to this topic and also our results and proof. This is a joint work with J. Spruck.

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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