

DG/PDE/IP SEMINAR
WEDNESDAY, OCTOBER 31, 2007
PADELFORD C-36
3:50–5PM

Parabolic scaling and imaging

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(UW)

I will survey the mathematics of parabolic scaling, which is behind the construction of curvelet frames and Gaussian beam construction. The talk will explain why such frames are well suited for computing wave propagation of images with sharply defined fronts, and for the optimal compression of images with singularities along curves or hypersurfaces.

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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