

*Department of Mathematics,
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Analysis Seminar

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On the two-dimensional Kuramoto-Sivashinsky equation

Abstract:

I will discuss recent results concerning the Kuramoto-Sivashinsky equation in two space dimensions with periodic boundary conditions. In particular, I will present a global existence result in the Wiener algebra, when growing modes are absent, and bounds on the analyticity radius when the data is only L^2 . This is joint work with David Ambrose (Drexel University).

Host: Peter Ebenfelt

Tuesday, April 17, 2018

1:00 PM

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