



Prof. Dr. Bernold Fiedler
Global dynamics of blow-up profiles in
one-dimensional reaction diffusion
equations (joint work with Hiroshi
Matano)

TIME:

29 May 2007, 17:00 - 19:00

LOCATION:

Freie Universität Berlin - Fachbereich Mathematik und Informatik
Arnimallee 6, 14195 Berlin-Dahlem (Raum 031)

We consider one-dimensional prototype reaction diffusion equations on the interval. We study the global blow-up dynamics in the m -dimensional fast unstable manifold of the trivial equilibrium. In particular, sign-changing solutions are included.

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