

MSRI/Evans Talk

Monday, May 7, 2007

4:10pm

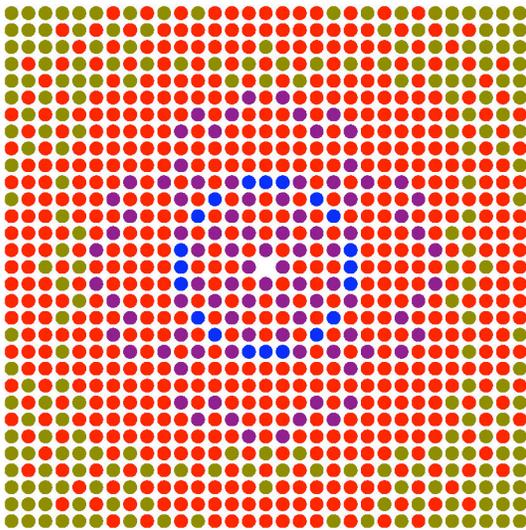
60 Evans Hall

University of California, Berkeley

***“The Spread of Randomness: Stochastic
Fluids and Ergodicity”***

Dr. Jonathan C. Mattingly

(Duke University)



How does the nonlinearity spread through a nonlinear PDE when it is agitated randomly? My talk will touch on Stochastically forced PDEs, models of energy transport, and hypo-ellipticity and ergodicity in infinite dimensions.

Refreshments at a nearby establishment immediately following the talk!

*The purpose of these lectures is to introduce the present year's research programs at MSRI to the mathematical sciences community in Berkeley. The talks will be **expository and nontechnical**, providing some of the flavor of ongoing research at MSRI. **Graduate students and Postdoctoral Fellows are particularly invited to attend these lectures.***

Further information and links to the MSRI program and workshop web pages are available at:

<http://www.msri.org>

