

## Schedule of Talks for Conference on SPDE's April 22-25, 2007.

Sunday talks in Malott 406, other talks in Rhodes 655 except for Burdzy's and Protter's lectures and the open problem session

### Sunday April 22

9-10 Lorenzo Zambotti

Title: SPDEs with convex potentials

10:30-11:30 Boris Rozovski

Title: Wiener Chaos approach to SPDEs

12-12:30 Gautum Iyer

Title: Stochastic Lagrangian paths and the 3-dimensional Navier-Stokes equations

2:30-3:30 Govind Menon

Title: Smoluchowski's coagulation equations and Burgers turbulence

4:00-5:00 Sergey Lototsky

Title: Estimating coefficients in stochastic parabolic equations

Welcome Reception: 5:00 in 5<sup>th</sup> floor lounge

### Mon. April 23

9-10 David Nualart

Title: Stochastic heat equation and intersection local times

10:30-11:30 Eric Vanden-Eijden

Title: Rare events in spatially extended media.

Prob. Seminar in Malott 406: 4-5: Krzysztof Burdzy

Title: A particle representation for the heat equation solution

### Tues. April 24

9-10 Leonid Mytnik

Title: Uniqueness for a Volterra-type stochastic equation

10:30-11:30 Carl Mueller

Title: The speed of a random traveling wave

12-12:30 Jim Nolen

Title: Front propagation in random drift.

2:30-3:30 Nicolai Krylov

Title: Streamlining the analytic theory of SPDEs in domains

Tuesday comes to an early end to avoid conflict with

4:15 Philip Protter

ORIE Colloquium in 253 Rhodes Hall

Title: Complete and Incomplete Financial Markets, Martingales, and Bubbles

Wed. April 25

9-9:45 Yuri Bakhtin

Title: Smooth densities for SPDE's

10:15-11 Jonathan Mattingly

Title: Ergodicity of SPDE's

11:10-11:40 Donald Dawson

Title: A caricature of mutually catalytic branching near dimension 2

2 PM-- Informal Problem Session (if numbers allow)

5<sup>th</sup> floor lounge, Malott Hall.