

Schedule

The ZiF-research group:

"Stochastic modeling in the sciences"

Workshop on

**"Stochastic partial differential equations
and climatology"**

(June 8-10, 2005)

Wednesday, June 8:

8.50h-9.00h: Opening

9.00h - 9.50h: P. Imkeller (Humboldt, Berlin): "Lévy noise induced transitions"

10.00h – 10.50h: D. Blömker (Aachen): "Stochastic differential equations near a change of stability"

11.00h - 11.30h: Coffee break

11.30h – 12.20h: M. Abel (Potsdam): "A stochastic delay equation for El Niño from data analysis"

12.30h – 14.30h: Lunch

14.30h – 15.20h: S. Herrmann (Nancy 1): "Transitions of diffusions and stochastic resonance"

15.30h-16.00h: Coffee break

16.00h - 16.50h: B. Rüdiger (Koblenz): "Stochastic differential equations with non Gaussian noise on Banach spaces"

Thursday, June 9:

9.00h - 9.50h: P. Kloeden (Frankfurt a.M.): "The persistence of synchronization under environmental noise"

10.00h – 10.50h: G. Lord (Edinburgh): "Post processing for stochastic parabolic differential equations"

11.00h - 11.30h: Coffee break

11.30h – 12.20h: B. Gentz (WIAS Berlin): "Dansgaard--Oeschger events, residence-times, and stochastic resonance"

12.30h – 14.30h: Lunch

14.30h – 15.20h: N. Berglund (Toulon): "Geometric singular perturbation theory for stochastic differential equations"

15.30h-16.00h: Coffee break

16.00h - 16.50h: M. Romito (Firenze): "Some remarks on the relation between turbulence and the Navier-Stokes equations"

17.00h – 17.50h: M.W. Yoshida (Tokyo): " H^{-1} maps and elliptic SPDEs"

18.30h Dinner

Friday, June 10:

9.00h - 9.50h: B. Tirozzi (Rome 1): "Pseudo differential operators and tsunami waves"

10.00h – 10.50h: B. Schmalfuss (Paderborn): "Stochastic partial differential equations with dynamic boundary conditions"

11.00h - 11.30h: Coffee break

11.30h – 12.20h: K. Kuwada (RIMS Kyoto): "Laplace approximation for stochastic line integrals"

12.30h – 14.00h: Lunch

14.00h - 14.50h: M. Scheutzow (TU Berlin): "Attractors for ergodic and monotone random dynamical systems"

15.00h: End