Spectral Theory and Stochastic Analysis
Program, Monday, July, 27, 1998

$9^{00} - 9^{50}$	P. Stollmann (Frankfurt) Recent developments in the spectral theory of random operators
$10^{00} - 10^{40}$	G. Stolz (Birmingham, Alabama) Localization for some models of disordered media
$11^{00} - 11^{40}$	T. Sturm (Bonn) Markov Processes, Dirichlet forms and geometric analysis
$11^{50} - 12^{30}$	R. Schilling (Leipzig) Bochner's subordination for semigroups, processes and generators
$16^{00} - 16^{40}$	E. Bolthausen (Zürich) A Markovian clumping process for Ruelle's probability cascades
$16^{50} - 17^{30}$	F. den Hollander (Nijmegen) Correlation structure of intermittency in the parabolic Anderson model
$17^{50} - 18^{30}$	S.A. Molchanov (Charlotte) Spectral bifurcation and the multiscattering phenomena

Spectral Theory and Stochastic Analysis

Program, Tuesday, July, 28, 1998

$8^{50} - 9^{40}$	K. Burdzy (Seattle) Neumann heat kernel: Some properties	
$9^{50} - 10^{30}$	D. Evans (Cardiff) On the essential spectra of Neumann Laplacians on domains and associated trees	
$10^{50} - 11^{30}$	El-M. Ouhabaz (Marne-la-Vallée) Heat kernel bounds for multiplicative perturbations of elliptic operators	
$11^{40} - 12^{20}$	R. G. Smits (West Lafayette) Eigenvalue gaps and conditioned processes	
$16^{00} - 16^{40}$	K. B. Sinha (New Delhi) Non-commutative structures and stochastic processes	
$16^{50} - 17^{30}$	W. Renger (Clausthal-Zellerfeld) Limiting absorption principle for singularly perturbed Feller operators	
$17^{40} - 18^{20}$	N. Jacob (München) Fractional derivatives, non-symmetric Dirichlet forms and the drift form	

Informal Seminar

Program, Tuesday, July, 28, 1998

$20^{00} - 20^{40}$ S. Eder (Clausthal-Zellerfeld)
Existence and completeness of scattering systems by using the theory of operator ideals

$20^{50} - 21^{30}$ J. Voigt (Dresden)
Asymptotics of cross sections of convex sets in $\mathbb{R}^n$

Spectral Theory and Stochastic Analysis

Program, Wednesday, July, 29, 1998

$8^{50} - 9^{40}$	P. D. Hislop (Lexington) Wegner estimates for random operators
$9^{50} - 10^{30}$	W. Kirsch (Bochum) Long time behavior for solutions of Burgers' equation
$10^{50} - 11^{30}$	L. Erdös (Budapest) Dia- and paramagnetism for nonhomogeneous magnetic fields
$11^{40} - 12^{20}$	P. Duclos (La Garde) Recent progress in quantum KAM methods

Informal Seminar

Program, Wednesday, July, 29, 1998

$20^{00} - 20^{40}$ E.P. Hsu (Evanston)

Derivative estimate of the heat kernel on a compact manifold

Spectral Theory and Stochastic Analysis
Program, Thursday, July, 30, 1998

$8^{50} - 9^{40}$	M.A. Pinsky (Evanston) Pointwise convergence of Fourier-Bessel series
$9^{50} - 10^{30}$	M. Röckner (Bielefeld) L^p-analysis of finite and infinite dimensional diffusion operators
$10^{50} - 11^{30}$	A. Noll (Clausthal) Capacitary estimates for the bottom eigenvalue of self-adjoint operators in abstract Hilbert spaces
$11^{40} - 12^{20}$	V. Liskevich (Bristol) On L^p-theory for Markov semigroups
$16^{00} - 16^{40}$	G.W. Johnson (Lincoln) A "dominated-type" convergence theorem for the Feynman integral defined via the Trotter product formula
$16^{50} - 17^{30}$	J.C. Zambrini (Lisboa) Euclidian quantum mechanics and stochastic analysis
$17^{40} - 18^{20}$	S. Naboko (St. Petersburg) On the spectral analysis of the self-adjoint Jacobi matrices

Informal Seminar

Program, Thursday, July, 30, 1998

$20^{00} - 20^{30}$ B. Zegarlinski (London)

Asymptotics of Sobolev inequality

Spectral Theory and Stochastic Analysis

Program, Friday, July, 31, 1998

$8^{50} - 9^{40}$	M. Ben-Artzi (Jerusalem) Applications of spectral theory to global regularity and decay
$9^{50} - 10^{30}$	X.-M. Li (Berkeley) Bounded and L^2 harmonic forms on universal covers
$10^{50} - 11^{30}$	W. Hoh (Bielefeld) Pseudodifferential operators generating Markov processes
$11^{40} - 12^{20}$	R. Leandre (Vandoeuvre-les Nancy) Cohomology of the loopspace and Hochschild cohomology
$13^{30} - 14^{10}$	T. Ichinose (Kanazawa) Error bound estimates for Kac's transfer operator and the Lie-Trotter product formula
$14^{20} - 15^{00}$	S. Albeverio (Bonn) Some (pseudo-)differential operators: spectral problems, quantum fields
$15^{10} - 15^{50}$	K.D. Elworthy (Coventry) Essential spectrum and scattering for complete Riemannian manifolds

Coffee