

Probabilité et physique mathématique

Une conférence en l'honneur du 65ième anniversaire de
Stanislav Molchanov

27 juin - 1er juillet 2005

Probability and Mathematical Physics
A Conference in the honor of Stanislav Molchanov's 65th birthday

June 27 - July 1, 2005

PROGRAMME

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Lundi 27 juin / Monday, June 27

08:30	Inscription (Salle 5345) Café (Salle 1221) Registration (Room 5345), Coffee (Room 1221)
09:00 - 09:30	B. Simon "The fine structure of zeros of orthogonal polynomials"
09:40 - 10:10	M. Stoiciu "The local statistical distribution of the zeros of random paraorthogonal polynomials on the unit circle"
10:15 - 10:45	Pause café / Coffee Break (Salle - Room 1221)
10:45 - 11:15	J. Gartner "On the parabolic Anderson model with moving catalysts"
11:25 - 11:55	W. Koenig "The universality classes in the parabolic Anderson model"

12:00 - 14:00	Déjeuner / Lunch Break
14:00 - 14:30	A. Klein "On Mott's formula for the ac conductivity in the Anderson model"
14:40 - 15:10	F. Germinet "Localization for Schrodinger operators with Poisson random potentials"
15:15 - 15:45	Pause café / Coffee Break (Salle - Room 1221)
15:45 - 16:15	Y. Last "Spectral theory of Anderson type Hamiltonians"
16:25 - 16:55	A. Soshnikov "Poisson statistics for the largest eigenvalues in large random matrices with heavy tails marginal distributions"
17:00	Reception (Room 6245)
Mardi 28 juin/ Tuesday, June 28	
09:00 - 09:30	A. Laptev "Inverse spectral problem for non-selfadjoint differential operators"
09:40 - 10:10	P. Kuchment "Liouville theorems and spectral edge behavior for periodic operators on abelian covering of compact manifolds"
10:15 - 10:45	Pause café / Coffee Break (Salle - Room 1221)
10:45 - 11:15	R. Grigorchuk "Spectra of groups, graphs and amenability"
11:25 - 11:55	N. Minami "On the number of vertices with a given degree in a Galton-Watson tree"

12:00 - 14:00	Déjeuner/ Lunch Break
14:00 - 14:30	R. Carmona "Monte Carlo Malliavin computation of the sensitivities of solutions of SPDE's"
14:40 - 15:10	A. Kiselev "Fluid flow and enhanced dissipation in heat equation"
15:15 - 15:45	Pause café / Coffee Break (Salle - Room 1221)
15:45 - 16:15	M. Freidlin "Reaction-Convection in Incompressible 3D-fluid: a Homogenization Problem"
16:25 - 16:55	A. Ramirez "Regeneration times methods for particle system growth models"
19:00	BANQUET
Mercredi 29 juin / Wednesday, June 29	
09:00 - 09:30	A. Figotin "Hamiltonian treatment of time dispersive and dissipative media within linear response theory"
09:40 - 10:10	B. Vainberg "Large time solition asymptotics for the solutions of a coupled non-linear wave-particle system"
10:15 - 10:45	Pause café / Coffee Break (Salle - Room 1221)
10:45 - 11:15	L. Korolov "Inverse problem for Gibbs fields"
11:25 - 11:55	G. Derfel "Asymptotics of the Poincare functions"

	Après-midi libre / Free Afternoon
Jeudi 30 juin/ Thursday, June 30	
09:00 - 09:30	T. Spencer "Band random matrices---a supersymmetric perspective"
09:40 - 10:10	I. Goldsheid "A more constructive approach to control of Lyapunov exponents"
10:15 - 10:45	Pause café / Coffee Break (Salle - Room 1221)
10:45 - 11:15	S. Warzel "Stability of the absolutely continuous spectrum of random Schrodinger operators on tree graphs"
11:25 - 11:55	K. Khanin "Random walks in quasi-stationary random potential"
12:00 - 14:00	Déjeuner / Lunch Break
14:00 - 14:30	Y. Godin "Random string: an explicitly solvable model"
14:40 - 15:10	L. Bogachev "Random exponentials: Limit laws for sums and extreme values"
15:15 - 15:45	Pause café / Coffee Break (Salle - Room 1221)
15:45 - 16:15	P. Mueller "Spectral asymptotics of Laplacians on bond-percolation graphs"
16:25 - 16:55	A. Gordon "Cantor spectrum for a generic 1D almost periodic continuum Schrodinger operators with given frequencies"

<p>Vendredi 1^{er} juillet / Friday, July 1st</p>	
<p>09:00 - 09:30</p>	<p>F. Klopp <u>"Exponential sums related to the Kronig-Penney model in a constant electric field"</u></p>
<p>09:40 - 10:10</p>	<p>D. Hundertmark <u>"Bounds on the Spectral Shift Function and the Density of States"</u></p>
<p>10:15 - 10:45</p>	<p>Coffee Break (Room 1221)</p>
<p>10:45 - 11:15</p>	<p>W. Kirsh "The draft constitution of the EU, the electoral college and spin systems"</p>
<p>11:25 - 11:55</p>	<p>J. Quinn <u>"Fermi Dirac generators and test for randomness"</u></p>
<p>12:00 - 14:00</p>	<p>Déjeuner / Lunch Break</p>
<p>14:00 - 14:30</p>	<p>K. Chen "Localization for Exner-type operators"</p>
<p>14:40 - 15:10</p>	<p>P. Poulin <u>"The Molchanov-Vainberg Laplacian"</u></p>
<p>15:15 - 15:45</p>	<p>Pause café / Coffee Break (Salle - Room 1221)</p>
<p>15:45 - 16:15</p>	<p>J. Holt <u>"1D Schrodinger operators with discrete spectrum"</u></p>