

Detailed programme

Saturday 26th April, 2014

13:15 lunch
19:00 dinner

Sunday 27th April, 2014 (Young Researchers Session)

8:00-9:00	breakfast	
8:50-9:00	opening of the conference	
9:00-9:20	Fabian Buckmann	<i>Fluctuation Theory of Markov-Random-Walks</i>
9:20-9:40	Shaoming Guo	<i>Hilbert transform along measurable vector fields constant on Lipschitz curves</i>
9:50-10:10	Behrang Forghani	<i>Poisson boundary and Random walks</i>
10:10-10:30	Kristina Ana Škreb	<i>On one generalization of the martingale transform and its applications to paraproducts and stochastic integrals</i>
10:30-11:00	coffee break	
11:00-11:20	Yuwei Zhao	<i>A Fourier Analysis of Extremal Events</i>
11:20-11:40	Zeineb Ghardallou	<i>Solution to a semilinear elliptic problem in a Greenian domain</i>
11:40-12:00	Sayan Bagchi	<i>Weighted norm inequalities for Weyl multipliers and some applications</i>
12:10-12:30	Pradeep Boggarapu	<i>Mixed Norm Estimates for the Riesz Transforms Associated to Dunkl Harmonic Oscillators</i>
12:30-12:50	K. S. Senthil Raani	<i>L^p-Integrability of Fourier transform of thin tempered distributions</i>
12:50-13:10	Grzegorz Świdorski	<i>Spectral properties of a class of unbounded Jacobi matrices</i>
13:15	lunch	
14:30-14:50	Grzegorz Kępa	<i>Inversions in the flag kernels algebra. The Heisenberg group case.</i>
14:50-15:10	Krystian Bekala	<i>Estimates of semigroups of measures on the Heisenberg group</i>
15:10-15:30	Wojciech Cygan	<i>Heat kernel asymptotic for subordinated random walk</i>
15:40-16:00	Błażej Wróbel	<i>Dimension free L^p estimates for Riesz transforms via an H^∞ joint functional calculus</i>
16:20-16:40	Tomasz Z. Szarek	<i>Harmonic analysis operators in certain Dunkl setting</i>
16:40-17:00	Bartosz Langowski	<i>Sobolev spaces associated with Jacobi expansions</i>
17:00-17:30	coffee break	
17:30-17:50	Kamil Bogus	<i>Sharp estimates of transition probability density for Bessel process in half-line</i>
17:50-18:10	Grzegorz Serafin	<i>The Dirichlet problem on hyperbolic space</i>
18:10-18:30	Piotr Dyszewski	<i>Perpetuities with slowly varying tails</i>

18:40-19:00	Karol Szczypkowski	<i>Perturbations of generators of Lévy processes</i>
19:00-19:20	Arash Jamshidpey	<i>TBA</i>
19:20	grill party	

Monday 28th April, 2014

8:00-9:00	breakfast	
9:00-9:40	Vadim Kaimanovich	<i>Boundary preserving transformations of random walks</i>
9:50-10:30	Christophe Pittet	<i>Decay of coefficients of unitary representations of negatively curved groups</i>
10:30-11:00	coffee break	
11:00-11:40	Gerold Alsmeyer	<i>The stationary tail index of contractive iterated function systems</i>
11:50-12:30	Alexander Iksanov	<i>Limit theorems for random processes with immigration at the epochs of a renewal process</i>
12:40-13:10	Piotr Graczyk	<i>Quadratic maps in statistics</i>
13:15	lunch	
15:00-16:00	Michael Cowling (hall B)	<i>(Baby Talk) Free groups in linear groups</i>
16:10-16:40	Mohamed Sifi	<i>Gaussian estimate for inhomogeneous random walk on the positive quadrant</i>
	Rahul Garg (hall B)	<i>The lattice point counting problem on the Heisenberg groups</i>
16:40-17:10	coffee break	
17:10-17:40	Alexander Marynych	<i>On perpetuities arising in population genetics</i>
	Ingrid Beltita (hall B)	<i>Weyl-Pedersen calculus for nilpotent Lie groups</i>
17:50-18:20	Piotr Nayar	<i>S-inequality for a certain product measures</i>
	Suparna Sen (hall B)	<i>Roe-Strichartz Theorem on a class of two-step nilpotent Lie groups</i>
18:30-19:00	Ryokichi Tanaka	<i>Limit theorems on nilpotent groups, global law of large numbers and large deviations</i>
	Gian Maria Dall'Ara (hall B)	<i>Discreteness of the spectrum of Schrödinger operators with non-negative matrix-valued potentials</i>
19:00	dinner	

Tuesday 29th April, 2014

8:00-9:00	breakfast	
9:00-9:40	Christoph Thiele	<i>The Hilbert transform along vector fields</i>
9:50-10:30	Tim Steger	<i>Littlewood–Paley Theory for \tilde{A}_2-buildings</i>
10:30-10:50	coffee break	
10:50-11:30	Bartosz Trojan	<i>Discrete maximal functions in higher dimensions</i>
11:40-12:10	Jean-Philippe Anker	<i>The Hardy space H^1 in the rational Dunkl setting I</i>
12:10-12:40	Jacek Dziubański	<i>The Hardy space H^1 in the rational Dunkl setting II</i>
12:45	lunch	
13:15-19:00	Excursion to Poznań	

19:00 grill party

Wednesday 30th April, 2014

8:00-9:00	breakfast	
9:00-9:40	Michael Cowling	<i>The spectrum of the Laplacian on a four-dimensional Lie group</i>
9:50-10:30	Rudolf Grübel	<i>Combinatorial Markov chains: a potential-theoretic approach</i>
10:30-11:00	coffee break	
11:00-11:40	Sundaram Thangavelu	<i>On Hermite pseudo-multipliers</i>
11:50-12:30	Krzysztof Bogdan	<i>Martin kernel for fractional Laplacian in narrow cones</i>
12:40-13:10	Tomasz Byczkowski	<i>Hitting times of Bessel processes</i>
13:15	lunch	
15:00-16:00	Gerold Alsmeyer (hall B)	<i>(Baby Talk) Quicksort: a paradigm for the analysis of random recursive structures with branching</i>
16:10-16:40	Margit Rösler	<i>Limit transition for hypergeometric functions associated with root systems</i>
16:40-17:10	coffee break	
17:10-17:40	Michael Voit	<i>Central limit theorems for random walks associated with Grassmann manifolds</i>
17:50-18:20	Adam Nowak	<i>Potential operators associated with various orthogonal expansions</i>
18:30-19:00	Vjekoslav Kovač	<i>Quantitative norm convergence of some ergodic averages</i>
19:00	dinner	

Thursday 1st May, 2014

8:00-9:00	breakfast	
9:00-9:40	Rafał Łatała	<i>Two-sided bounds for L_p-norms of combinations of products of independent random variables</i>
9:50-10:30	Sara Brofferio	<i>On unbounded invariant measures of stochastic dynamical systems</i>
10:30-11:00	coffee break	
11:00-11:40	Elie Aidekon	<i>Convergence in law for the minimum of a branching random walk</i>
11:50-12:20	Sebastian Mentemeier	<i>Precise large deviation results for products of random matrices</i>
12:30-13:00	Jeffrey Collamore	<i>Large deviation estimates for exceedance times of perpetuity sequences</i>
13:15	lunch	
15:00-16:00	Jean-Philippe Anker (hall B)	<i>(Baby Talk) From restriction theorems to Strichartz inequalities</i>
16:10-16:40	Nils Byrial Andersen	<i>Revisiting Roe's theorem</i>
	Gabriella Kuhn (hall B)	<i>Tempered Free Group Representations: Monotony, Duplicity, Oddity</i>

16:40-17:10	coffee break	
17:10-17:40	Yuriy Kryakin	<i>Special moduli of continuity and the constant in the Jackson-Stechkin theorem</i>
	Detlev Poguntke (hall B)	<i>Topology on the unitary dual of exponential Lie groups - the case of complete solvability</i>
17:50-18:20	Dragu Atanasiu	<i>De Finetti-type results and discrete harmonic analysis</i>
	Richard Penney (hall B)	<i>Poisson kernels on nilpotent, 3-meta-abelian groups</i>
18:30-19:00	Wissem Jedidi	<i>Poisson Shot Noise Lévy Model and Limit Theorems for Significant Functionals</i>
	Mihai Pascu (hall B)	<i>On the characterization of Gelfand-Shilov-Roumieu spaces</i>
19:00	grill party	

Friday 2nd May, 2014

8:00-9:00	breakfast	
9:00-9:40	Jim Wright	<i>A variant on affine-invariant harmonic analysis</i>
9:50-10:20	Alessio Martini	<i>Spectral multipliers on 2-step groups: recent progress</i>
10:20-10:50	coffee break	
10:50-11:30	Christian Berg	<i>Asymptotic behavior of a convolution semigroup of Urbanik</i>
11:40-12:20	Tomasz Grzywny	<i>Dirichlet heat kernel for unimodal Lévy processes</i>
12:30-13:10	Diogo Oliveira e Silva	<i>Some sharp restriction inequalities</i>
13:15	lunch	
15:00-16:00	Elie Aidekon (hall B)	<i>(Baby Talk) On the extremal process of some stochastic processes</i>
16:10-16:40	Tadeusz Kulczycki	<i>Gradient estimates of harmonic functions and transition densities for Lévy processes</i>
16:40-17:10	coffee break	
19:00	dinner	