

Harmonic Analysis and Orthogonal Systems IV, Będlewo 2010

Conference schedule

	Monday	Tuesday	Wednesday	Thursday	Friday
9:00 – 9:50	Peter Sjögren <i>The atomic Hardy space H^1 in the Ornstein-Uhlenbeck setting</i>	Ming-Yi Lee <i>Calderón-Zygmund operators on product Hardy spaces</i>	Aline Bonami <i>Bergman and Besov spaces on tube domains over symmetric cones</i>	Margit Rösler <i>The heat equation in the compact Heckman-Opdam case and the Segal-Bargmann transform</i>	Adam Sikora <i>Bochner-Riesz summability and restriction theorems on asymptotically conic manifolds</i>
10:00 – 10:50	Sundaram Thangavelu <i>Heat kernel transform on nil-manifolds</i>	Frederic Bernicot <i>A $T(1)$-theorem related to a semigroup</i>	Ferenc Weisz <i>Triangular and cubic summability of Fourier series</i>	Michael Voit <i>Multidimensional Heisenberg convolutions and Laguerre polynomials</i>	Adam Nowak <i>Calderón-Zygmund operators related to Jacobi expansions</i>
11:00 – 11:20	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
11:20 – 11:45	Jorge J. Betancor <i>Hardy-Littlewood and UMD Banach lattices via Bessel convolution operators</i>	Emanuela Sasso <i>Weak-type inequality for conjugate first order Riesz-Laguerre transforms</i>	Takeshi Kawazoe <i>Difference formula and local orthogonality of Jacobi polynomials</i>	Leonardo Colzani <i>Trigonometric approximation and a general form of the Erdős-Turán inequality</i>	Bruno Bongioanni <i>Commutators of Riesz transforms associated to Schrödinger operators</i>
11:55 – 12:20	Piotr Graczyk <i>Strong hypercontractivity and log-Sobolev inequalities</i>	Chin-Cheng Lin <i>A wavelet characterization for weighted Carleson measure spaces</i>	Patrick Maheux <i>Nash-type inequalities and spectral estimates</i>	Luz Roncal <i>Some operators related to Fourier-Bessel expansions</i>	Maciej Paluszyński <i>On the boundedness of the Haar shift operator</i>
12:30 – 12:55	Juan Carlos Fariña <i>A T_1 criterion for Hermite-Calderón-Zygmund operators on the $BMO_H(\mathbb{R}^n)$ spaces and applications</i>	Enji Sato <i>Transference of the boundedness of bilinear operators for Hankel transforms</i>	Kunio Sato <i>Hardy-type inequalities for the generalized Mehler transform</i>	Lourdes Rodríguez-Mesa <i>BMO and harmonic analysis operators in the Bessel setting</i>	
13:00	Lunch	Lunch	Lunch	Lunch	Lunch
15:30 – 15:55	Satoko Sugano <i>A remark on fractional integral operators on Morrey spaces</i>	Ricardo Testoni <i>Fractional square functions and potential spaces</i>	Pablo Raúl Stinga <i>Schauder estimates for the fractional harmonic oscillator</i>	Excursion	
16:05 – 16:30	Alejandro Castro <i>Harmonic analysis associated with multidimensional Bessel operators</i>	Raquel Crescimbeni <i>The ρ-variation of the heat semigroup in the Hermite setting. Behavior in L^∞</i>	Marcin Preisner <i>Riesz transform characterization of Hardy spaces associated with certain Laguerre expansions</i>		
16:40 – 17:05	Błażej Wróbel <i>Laplace type multipliers for Laguerre function expansions of Hermite type</i>	Tomasz Szarek <i>Lusin's area integrals and g-functions in certain Dunkl and Laguerre settings</i>			
19:00	Dinner	Dinner	Dinner	Dinner	Dinner
20:00			Campfire		