

Monday, August 13, 2007

11:00	50 min.	KKM	Plenary	J. Sjöstrand	Non-self-adjoint spectral problems and the Kramers-Fokker-Planck operator
12:00	50 min.	KKM	Plenary	P. L. Butzer	Prediction in terms of samples from the past: Error estimates by a modulus covering discontinuous signals
14:30	25 min.	M 04	1 Spaces	P. M. Gauthier	<i>Approximation by bounded holomorphic functions</i>
	50 min.	M 06	3 Potential	S. Plaksa	<i>Commutative algebras and spatial potential fields</i>
	25 min.	M 07	5 Partial	A. Mohammed	<i>Solutions of the Robin problem for overdetermined inhomogeneous Cauchy-Riemann systems</i>
	50 min.	M 102	6 Dispersive	M. Ruzhansky	<i>Comparison principles for evolution equations</i>
	50 min.	M 105	12 Pseudo	B.-W. Schulze	<i>Toeplitz operators and ellipticity with global projection conditions</i>
	50 min.	B 01	14 Real	S. G. Samko	<i>Weighted estimates for the maximal operator in the variable exponent spaces on metric measure spaces</i>
	25 min.	B 02	16 Integrable	I. Habibullin	<i>Classification of integrable discrete equations</i>
	25 min.	B 03	17 General	M. Otelbaev	<i>Existence conditions for a global strong solution to a class of nonlinear evolution equations in a Hilbert space</i>
15:00	25 min.	M 04	1 Spaces	R. Akgün	<i>Approximation by rational functions in Smirnov-Orlicz classes</i>
	25 min.	M 07	5 Partial	Y. Xu	<i>Complex method for two dimensional free boundary model of cancer growth</i>
	25 min.	B 02	16 Integrable	V. A. Golubeva	<i>Spinor representations in integrability of some field-theoretic equations</i>
	25 min.	B 03	17 General	I. M. Gaissinski	<i>Maximum entropy principle for hierarchical dynamical systems</i>
15:45	25 min.	M 04	1 Spaces	N. P. Tozman	<i>Approximation in Morrey spaces</i>
	50 min.	M 06	3 Potential	T. Bulboacă	<i>Modified integral operators preserving subordination and superordination</i>
	25 min.	M 07	5 Partial	N. Chinchaladze	<i>On a system consisting of equations of second and fourth orders</i>
	50 min.	M 102	6 Dispersive	J. Wirth	<i>On dispersive estimates for anisotropic thermo-elasticity</i>
	25 min.	M 105	12 Pseudo	C. Iwasaki	<i>Construction of the fundamental solution and curvature of manifolds with boundary</i>
	50 min.	B 01	14 Real	V. Kokilashvili	<i>Operators of harmonic analysis in weighted spaces with nonstandard growth</i>
	25 min.	B 02	16 Integrable	B. Silindir	<i>Integrable discrete systems on $\mathbb{R}$</i>
	25 min.	B 03	17 General	B. E. Kanguzhin	<i>The absence of boundary problems for differential equations on a segment with nonempty spectrum</i>

16:15	25 min.	M 04	1 Spaces	Q. Qi	<i>Approximation properties for certain mixed Szász-beta operators in L^p spaces</i>
	25 min.	M 07	5 Partial	G. Jaiani	<i>On a system of elliptic partial differential equations with order degeneration</i>
	25 min.	M 105	12 Pseudo	A. Dasgupta	<i>Weyl transforms and the heat equation for the sub-Laplacian on the Heisenberg group</i>
	25 min.	B 02	16 Integrable	K. Zheltukhin	<i>Integrable nonlinear equations on a circle</i>
	25 min.	B 03	17 General	H. Menken	<i>On the basicity in $L_p(0, 1)$ ($1 < p < \infty$) of the eigenfunctions of a periodic or antiperiodic problem</i>
16:45	25 min.	M 04	1 Spaces	A. Sasane	<i>Properties of a subalgebra of $H^\infty(\mathbb{D})$ and stabilization</i>
	25 min.	M 06	3 Potential	S. Bulut	<i>A new generalization of the scalar Poisson kernel in two dimensions</i>
	25 min.	M 07	5 Partial	U. Yüksel	<i>Cauchy problems with monogenic initial functions</i>
	25 min.	M 102	6 Dispersive	K. Jachmann	<i>A unified treatment of models of theormoelasticity: Decay and diffusion phenomena</i>
	25 min.	M 105	12 Pseudo	T. Krainer	<i>Elliptic boundary problems on noncompact manifolds</i>
	25 min.	B 01	14 Real	A. Almeida	<i>On interpolation properties of generalized Besov spaces</i>
	25 min.	B 03	17 General	D. Mabrouk	<i>Using spectral analysis to estimate the quality factor Q: Application on a vertical seismic profile</i>
17:45	25 min.	M 04	1 Spaces	F. Wikström	<i>An extremal function for the multiplier algebra of the universal Pick space</i>
	50 min.	M 06	3 Potential	D. Ghisa	<i>The geometry of Blaschke product mappings</i>
	25 min.	M 07	5 Partial	S. Ridha	<i>Asymptotic study of anisotropic periodic rotating MHD system</i>
	25 min.	M 102	6 Dispersive	T. Jung	<i>An application of limit relative category to a nonlinear hamiltonian system</i>
	25 min.	M 105	12 Pseudo	J. Toft	<i>Schatten-von Neumann properties of Weyl operators of Hörmander type</i>
	25 min.	B 01	14 Real	H. Rafeiro	<i>Dominated compactness theorem in Banach function spaces and applications</i>
	25 min.	B 03	17 General	V. A. Gaiko	<i>On Hilbert's 16th and Smale's 13th problems</i>
18:15	25 min.	M 04	1 Spaces	S. Öztöp	<i>A note on weighted L^1-modules</i>
	25 min.	M 102	6 Dispersive	Q-H. Choi	<i>On the free vibrations for an asymmetric beam equation</i>
	25 min.	M 105	12 Pseudo	J. Johnsen	<i>Type 1, 1-operators defined by vanishing frequency modulation</i>
	25 min.	B 01	14 Real	A. Y. Yakubov	<i>Multiplicative inequalities for moduli of smoothness of various orders</i>
	25 min.	B 03	17 General	V. I. Gishlarkae	<i>Unique solvability of the Cauchy problem for Hopf equation in 2 dimensions</i>

Tuesday, August 14, 2007

9:00	50 min.	M 13	Plenary	W. D. Evans	Recent results on the Hardy and Rellich inequalities
10:15	25 min.	M 04	1 Spaces	L. Palacios	<i>On topologically invertible elements in topological algebras</i>
	50 min.	M 06	3 Potential	D. M. Israfilov	<i>On convergence of Bieberbach polynomials in closed domains</i>
	50 min.	M 102	6 Dispersive	T. Matsuyama	<i>Dispersion for the Kirchhoff equations</i>
	50 min.	M 103	8 Inverse	S. I. Kabanikhin	<i>Kantorovich theorem in Tikhonov regularization</i>
	25 min.	M 104	11 Oscillation	R. Koplatadze	<i>Quasi-linear functional differential equations with property A</i>
	50 min.	M 105	12 Pseudo	M. W. Wong	<i>Absolutely referenced phase information and spectra of modified Stockwell transforms</i>
	50 min.	B 01	14 Real	V. I. Burenkov	<i>Spectral stability of second order elliptic partial differential operators</i>
	25 min.	B 02	16 Integrable	A. K. Prykarpatsky	<i>Chern and de Rham-Hodge aspects of the Gromov type differential relations and applications to multi-dimensional integrable systems</i>
	25 min.	B 03	17 General	M. Aripov	<i>Self similar approach for visualization of nonlinear processes</i>
10:45	25 min.	M 04	1 Spaces	H. Bounit	<i>A note on the Weiss conjecture for analytic semigroups</i>
	25 min.	M 05	2 Clifford	T. Qian	<i>Double layer potential and Hilbert transform</i>
	25 min.	M 104	11 Oscillation	J. Diblík	<i>Positive solutions of differential equations with time lag</i>
	25 min.	B 02	16 Integrable	S. N. Pandey	<i>Invariance, integrability and linearization of a generalized modified Emden type equation</i>
	25 min.	B 03	17 General	P. Chandran	<i>A study of buoyancy driven unsteady viscous flow in the presence of applied magnetic field</i>
11:45	25 min.	M 04	1 Spaces	M. A. Bastos	<i>An invertibility criterion for C^*-algebras of functional operators with shifts</i>
	25 min.	M 05	2 Clifford	L. Krump	<i>Applications of the Penrose transform in the theory of several Clifford variables</i>
	50 min.	M 06	3 Potential	B. A. Kats	<i>The jump problem on non-rectifiable curves and metric dimensions</i>
	50 min.	M 102	6 Dispersive	A. Benaissa	<i>General decay estimates of solution for degenerate or nondegenerate Kirchhoff equation with general dissipation</i>
	25 min.	M 103	8 Inverse	Y. Xu	<i>Some inverse problems related to coefficient determination of a cancer growth model</i>
	25 min.	M 104	11 Oscillation	Y. Bolat	<i>Oscillation criteria for a certain second order difference equation with delay and neutral terms</i>
	25 min.	M 105	12 Pseudo	Y. Liu	<i>Localization operators for Stockwell transforms</i>
	25 min.	B 01	14 Real	P. D. Lambert	<i>Spectral stability of the p-Laplacian</i>
	25 min.	B 02	16 Integrable	B. Ateş	<i>Initial value problem and traveling wave solution for spherical Liouville equation</i>

	25 min.	B 03	17 General	A. K. Urinov	<i>On a problem for parabolic-hyperbolic type equation with non-smooth line of type change</i>
12:15	25 min.	M 04	1 Spaces	C. Hammond	<i>Adjoint of composition operators with rational symbols</i>
	25 min.	M 05	2 Clifford	A. Perotti	<i>Dirichlet problem for pluriholomorphic functions of two complex variables</i>
	25 min.	M 103	8 Inverse	E. Sincich	<i>Stability and reconstruction for inverse corrosion problems</i>
	25 min.	M 105	12 Pseudo	V. Catană	<i>Products of two-wavelet multipliers and their traces</i>
	25 min.	B 01	14 Real	V. Paatashvili	<i>On Hardy classes with variable exponent</i>
	25 min.	B 02	16 Integrable	A. Pekcan	<i>Solutions of the extended Kadomtsev-Petviashvili-Boussinesq equation by the Hirota direct method</i>
	25 min.	B 03	17 General	M. Dilmi	<i>Nonlinear and oblique boundary value problems for Lamé's equations</i>
14:30	50 min.	M 13	Plenary	C. Y. Yıldırım	Recent results on small gaps between primes
15:45	25 min.	M 04	1 Spaces	J. S. Manhas	<i>Topological structures of the spaces of composition operators on spaces of analytic functions</i>
	25 min.	M 05	2 Clifford	D. Peña-Peña	<i>A note on Fueter's theorem</i>
	50 min.	M 06	3 Potential	V. Kokilashvili	<i>The Riemann-Hilbert problem in weighted classes of Cauchy-type integrals with density in $L^{p(\cdot)}(\Gamma)$</i>
	25 min.	B 02	4 Applied	A. Andersson	<i>Schwarz-Christoffel mappings for non-polygonal regions</i>
	25 min.	M 07	5 Partial	L. V. Fardigola	<i>The Fourier transform method and the Markov power moment problem in controllability problems for the wave equation on a half-axis</i>
	50 min.	M 102	6 Dispersive	F. Hirose	<i>On the well-posedness of second order weakly hyperbolic Cauchy problems under the influences of the regularity of the coefficients</i>
	25 min.	M 103	8 Inverse	B. Mukanova	<i>Inverse resistivity problem: Geoelectric uncertainty principle and numerical reconstruction method</i>
	25 min.	M 105	12 Pseudo	J. B. Gil	<i>Resolvents and heat trace of cone operators</i>
	25 min.	B 01	14 Real	B. Baideldinov	<i>Oscillation and nonoscillation of a higher order differential equation</i>
	25 min.	M 104	15 Numerical	V. Covachev	<i>Global exponential periodicity for discrete-time Hopfield neural networks with finite distributed delays and impulses</i>
	25 min.	B 03	17 General	N. C. Sacheti	<i>Rheological effects on the flow of two immiscible fluids in a vertical porous circular cylinder</i>

16:15	25 min.	M 04	1 Spaces	Ali Güven	<i>Two-weight estimates for Fourier operators and Bernstein inequality</i>
	25 min.	M 05	2 Clifford	D. Šmid	<i>Howe duality for Rarita-Schwinger representation</i>
	25 min.	B 02	4 Applied	P. Drygaś	<i>Functional-differential equations in Hardy-type classes</i>
	25 min.	M 07	5 Partial	E. Karimov	<i>Non-local problem with special gluing condition for parabolic-hyperbolic equation</i>
	25 min.	M 103	8 Inverse	A. Boukrouche	<i>Robust deconvolution algorithm</i>
	25 min.	M 105	12 Pseudo	C. Garetto	<i>Generalized oscillatory integrals and Fourier integral operators</i>
	25 min.	B 01	14 Real	A. Meskhi	<i>On the boundedness of one-sided singular integrals in Lebesgue spaces with variable exponent</i>
	25 min.	M 104	15 Numerical	D. Natroshvili	<i>General representation of solutions to the system of differential equations of hemitropic elasticity and its applications</i>
16:45	25 min.	B 03	17 General	R. K. Bhattacharyya	<i>On determination of Green's tensor for a granular elastic medium with application to wave propagation in a random medium</i>
	25 min.	M 04	1 Spaces	W. Xu	<i>Superposition operators on Bloch-type spaces</i>
	25 min.	M 05	2 Clifford	I. M. Sabadini	<i>Invariant syzygies for systems of hermitian Dirac operators</i>
	25 min.	M 06	3 Potential	M. Dalla Riva	<i>Real analytic dependence of the single and double layer potentials of some constant-coefficient elliptic partial differential operators upon perturbation of the density, the support and the coefficients of the operator</i>
	25 min.	B 02	4 Applied	T. S. Vaitekhovich	<i>Basic boundary value problems for homogeneous and inhomogeneous Cauchy-Riemann equations in a concentric ring domain</i>
	25 min.	M 07	5 Partial	P. Kordulová	<i>Theory of nonlinear semigroups in PDE with hysteresis</i>
	25 min.	M 102	6 Dispersive	T. Kinoshita	<i>C^∞-wellposedness of the Cauchy problem for 2 by 2 strictly hyperbolic systems with non-Lipschitz coefficients</i>
	25 min.	M 103	8 Inverse	F. Colombo	<i>Global in time results for some semilinear integrodifferential identification problems</i>
	25 min.	M 105	12 Pseudo	F. Rochon	<i>A cohomological description of the index of fibred cusp operators</i>
	25 min.	B 01	14 Real	İ. Ekinçioğlu	<i>Boundedness of rough B-fractional integral operators in Lorentz spaces</i>
	25 min.	M 104	15 Numerical	D. Natroshvili	<i>Application of pseudodifferential equations in the theory of piezoelectric-metallic composites</i>
	25 min.	B 03	17 General	B. Benabderahmane	<i>Variational study of nonlinear problem of contact without friction between two elastic bodies</i>

17:45	25 min.	M 04	1 Spaces	H. T. Kaptanoğlu	<i>Bergman projections on weighted Bloch and Lipschitz spaces</i>
	50 min.	M 06	3 Potential	A. Golberg	<i>On (α, Q)-homeomorphisms</i>
	25 min.	B 02	4 Applied	S. V. Rogosin	<i>On a vector-matrix boundary value problem in a multiply connected circular domain</i>
	25 min.	M 07	5 Partial	S. Maad	<i>Persistence of embedded eigenvalues</i>
	25 min.	M 102	6 Dispersive	H. Uesaka	<i>Blowup of positive solutions of semilinear wave equations</i>
	25 min.	M 103	8 Inverse	A. Demir	<i>Analysis of monotonicity of input-output mappings in inverse coefficient and source problems for parabolic equations</i>
	25 min.	M 105	12 Pseudo	A. Mohammed	<i>Sampling and computations of pseudo-differential operators</i>
	25 min.	B 01	14 Real	A. Gogatishvili	<i>Sobolev's embeddings and interpolation in Lorentz spaces</i>
	25 min.	M 104	15 Numerical	M. Nakano	<i>WKB asymptotics for a linear Schroedinger type O.D.E. with a turning point and a singular point</i>
	25 min.	B 03	17 General	S. Rezapour	<i>An application of extremal points in dual spaces</i>
18:15	25 min.	M 04	1 Spaces	P. V. Dovbush	<i>On Bloch functions and normal functions on complex Banach manifolds</i>
	25 min.	B 02	4 Applied	A. M. Santos	<i>Periodic diffraction boundary-value problems and Toeplitz operators</i>
	25 min.	M 07	5 Partial	M. Avci	<i>A new solution of some weighted problems for the Riemann-Liouville and Weyl operators</i>
	25 min.	M 103	8 Inverse	S. Z. Guliyev	<i>On a problem of parametrical identification of a dynamical system</i>
	25 min.	M 105	12 Pseudo	V. Turunen	<i>Pseudo-differential operators on group $SU(2)$</i>
	25 min.	B 01	14 Real	D. Drihem	<i>Some embeddings and equivalent norms of the $\mathcal{L}_{p,q}^{\lambda,s}$ spaces</i>
	25 min.	B 03	17 General	H. P. Masiha	<i>Extreme points in the set of topological left invariant means</i>

Wednesday, August 15, 2007

9:00	50 min.	M 13	Plenary	A. Bourgeat	Spatial and random scaling up of the source terms in a diffusion convection model
10:15	25 min.	M 04	1 Spaces	V. S. Guliyev	<i>Strong type estimates and Carleson measures for weighted Besov spaces</i>
	25 min.	M 05	2 Clifford	S.-L. Eriksson	<i>Extensions of Cauchy-type theorems in hyperbolic function theory</i>
	50 min.	M 06	3 Potential	M. Lanza de Cristoforis	<i>Singular perturbation problems in potential theory: A functional analytic approach</i>
	25 min.	B 02	4 Applied	M. B. Ragimov	<i>Multiparameter spectral theory of operator collections acting in different complex Banach spaces</i>
	50 min.	M 102	6 Dispersive	V. Kalantarov	<i>Long-term behavior of solutions of the strongly damped Boussinesq equation</i>
	25 min.	M 103	8 Inverse	A. Hasanov	<i>Fréchet differentiability and Lipschitz continuity of cost functionals in parabolic and hyperbolic inverse problems: A unified approach</i>
	25 min.	M 104	11 Oscillation	G. S. Guseinov	<i>Discreteness of the spectrum of a nonself-adjoint second order difference operator</i>
	50 min.	M 105	12 Pseudo	M. Ruzhansky	<i>On local and global regularity of Fourier integral operators</i>
	25 min.	B 01	13 Kernel	S. Saitoh	<i>Practical inversion formulas for linear physical systems</i>
	25 min.	M 07	15 Numerical	M. E. Köksal	<i>On a difference scheme of second order of accuracy for hyperbolic equations</i>
	25 min.	B 03	17 General	K. Saadi	<i>The inclusion theorem for Cohen strongly multilinear operators</i>
10:45	25 min.	M 04	1 Spaces	M. Moussai	<i>Composition theorems in Besov spaces, the vector-valued case</i>
	25 min.	M 05	2 Clifford	G. Laville	<i>Infinite products in Clifford analysis</i>
	25 min.	B 02	4 Applied	M. Eskandarzade	<i>Experimental modeling of surface roughness in facing process of CK45 steel</i>
	25 min.	M 103	8 Inverse	F. Rebbani	<i>The quasi-reversibility method for ill-posed elliptic equations</i>
	25 min.	M 104	11 Oscillation	A. Özbekler	<i>Oscillation criteria for second-order nonlinear impulsive differential equations</i>
	25 min.	B 01	13 Kernel	T. Matsuura	<i>Numerical real inversion formulas of the Laplace transform</i>
	25 min.	M 07	15 Numerical	A. Ashyralyev	<i>A note on modified Padé difference schemes</i>
	25 min.	B 03	17 General	D. Achour	<i>Cohen p-nuclear multilinear mappings</i>

11:45	25 min.	M 04	1 Spaces	U. Gül	<i>Essential spectra of composition operators on Hardy spaces</i>
	25 min.	M 05	2 Clifford	G. Gentili	<i>A new theory of regular functions of a quaternionic variable</i>
	50 min.	M 06	3 Potential	Y. B. Zelinskii	<i>Geometry of $\mathbb{C}$-convex sets</i>
	25 min.	B 02	4 Applied	M. Eskandarzade	<i>Modeling of excitation force in electromagnetic acoustic transducer systems</i>
	50 min.	M 102	6 Dispersive	M. Fonte	<i>Case study of solutions for the Camassa-Holm equation</i>
	25 min.	M 103	8 Inverse	N. Boussetila	<i>An inverse source problem for a multi-time evolution problem</i>
	25 min.	M 104	11 Oscillation	B. Paneah	<i>Solvability and oscillation properties of functional equations relating to dynamical systems with two generators</i>
	50 min.	M 105	12 Pseudo	M. Oberguggenberger	<i>Hyperbolic systems with discontinuous coefficients: Generalized wavefront sets</i>
	25 min.	B 01	13 Kernel	R. Otáhalová	<i>Weighted reproducing kernels and Toeplitz operators on harmonic Bergman spaces on the real ball</i>
	25 min.	M 07	15 Numerical	A. L. Lukashov	<i>Averages of orthogonal polynomials on two intervals</i>
	25 min.	B 03	17 General	E. Karapınar	<i>On isomorphisms of cartesian products of l-Köthe spaces</i>
12:15	25 min.	M 04	1 Spaces	N. Zorboska	<i>General Toeplitz operators on the analytic Besov spaces</i>
	25 min.	M 05	2 Clifford	F. Vlacci	<i>Some rigidity results for regular maps</i>
	25 min.	B 02	4 Applied	Gaissinski	<i>Phenomenology test for shell models in a turbulence problem</i>
	25 min.	M 103	8 Inverse	S. Tatar	<i>Determination of an unknown coefficient in a nonlinear elliptic problem related to the elasto-plastic torsion of a bar</i>
	25 min.	M 104	11 Oscillation	B. Kaymakçalan	<i>Opial inequalities on time scales and some applications</i>
	25 min.	B 01	13 Kernel	K. Fujita	<i>Reproducing kernels for harmonic functions on some balls</i>
	25 min.	B 03	17 General	K. N. Soltanov	<i>Some remarks on nonlinear spaces and nonlinear equations</i>

Thursday, August 16, 2007

9:00	25 min.	M 04	1 Spaces	L. M. Tovar	<i>Bergman analytic spaces and measures</i>
	50 min.	M 06	3 Potential	P. Agranovich	<i>Multi-term asymptotic representation of the Riesz measure of subharmonic functions</i>
	50 min.	M 102	6 Dispersive	P. Maremonti	<i>Navier-Stokes equations in aperture domains: Global existence with bounded flux and time-periodic solutions</i>
	25 min.	M 103	8 Inverse	T. S. Kalmenov	<i>On the method of solving the Cauchy problem for the harmonic equation</i>
	25 min.	B 02	10 Transform	A. A. Kilbas	<i>Integral transforms with Gegenbauer and Tchebyshev functions as kernels on weighted spaces of summable functions</i>
	25 min.	M 104	11 Oscillation	J. Diblík	<i>On the structure of solutions of linear delayed differential equations</i>
	50 min.	M 105	12 Pseudo	S. Pilipović	<i>Classes of degenerate hypoelliptic Shubin operators in Gelfand-Shilov spaces</i>
	50 min.	B 01	14 Real	V. S. Guliyev	<i>$L_{p_1 r_1} \times \cdots \times L_{p_k r_k}$ boundedness for rough multilinear fractional integrals</i>
	25 min.	B 03	17 General	F. M. Allan	<i>Series solution for non-linear differential operators using modified homotopy analysis method</i>
9:30	25 min.	M 04	1 Spaces	L. E. Resendis O.	<i>Weighted hyperbolic Bergman classes</i>
	25 min.	M 103	8 Inverse	F. A. Sharifov	<i>Network inverse problems and their applications</i>
	25 min.	B 02	10 Transform	I. Yoo	<i>Fourier-Feynman transforms on Wiener spaces</i>
	25 min.	M 104	11 Oscillation	F. Aktaş	<i>Oscillation criteria of a certain class of third order nonlinear delay differential equations</i>
	25 min.	B 03	17 General	O. Mokhonko	<i>OPUC from the point of view of block Jacobi matrices theory and related difference-differential lattices</i>
10:15	25 min.	M 04	1 Spaces	R. Aulaskari	<i>On the growth of Dirichlet integral for some function spaces</i>
	25 min.	M 05	2 Clifford	U. Kähler	<i>Monogenic signals—sampling and approximation</i>
	50 min.	M 06	3 Potential	A. Goncharov	<i>On characterization of the extension property</i>
	25 min.	M 07	5 Partial	Ü. Aksoy	<i>Neumann problem for a particular fourth-order equation</i>
	50 min.	M 102	6 Dispersive	K. Mochizuki	<i>Scattering for evolution equations with time dependent small perturbations</i>
	25 min.	M 103	8 Inverse	A. Erdem	<i>An adjoint problem approach for coefficient identification in a linear hyperbolic problem</i>
	25 min.	B 02	10 Transform	D. H. Cho	<i>A change of scale transformation for unbounded functions over an analogue of conditional Wiener integrals</i>
	25 min.	M 104	11 Oscillation	M. Ünal	<i>Lyapunov-type inequalities for nonlinear systems</i>
	50 min.	M 105	12 Pseudo	T. Gramchev	<i>Hyperbolic systems of pseudodifferential operators in $\mathbb{R}^n$ with characteristics admitting superlinear growth for $x \rightarrow \infty$</i>
	25 min.	B 01	14 Real	T. Tararykova	<i>On the boundedness of the Hardy-Steklov operator</i>
	25 min.	B 03	17 General	B. Karasözen	<i>Symplectic and multi-symplectic Lobatto methods for the “good” Boussinesq equation</i>

10:45	25 min.	M 04	1 Spaces	H. T. Kaptanoğlu	<i>Toeplitz C^*-algebras on Dirichlet spaces of the ball</i>
	25 min.	M 05	2 Clifford	M. A. Macías-Cedeño	<i>About the two-dimensional directional derivative of quaternionic functions</i>
	25 min.	M 07	5 Partial	C. J. Vanegas	<i>A new approach to mixed boundary problems for the polyanalytic equation</i>
	25 min.	M 103	8 Inverse	A. B. Rahimov	<i>On a problem of restoring domain boundary</i>
	25 min.	B 02	10 Transform	A. Aktymbayeva	<i>Development of a model for event-oriented simulation of multiagent systems</i>
	25 min.	M 104	11 Oscillation	F. Tuncay	<i>Oscillation criteria for second-order nonlinear differential equations with damping</i>
	25 min.	B 01	14 Real	Z. V. Safarov	<i>Inequality of O'Neil type for convolutions associated with the Laplace-Bessel differential operator and applications</i>
	25 min.	B 03	17 General	M. A. Hajji	<i>Using periodic wavelets to solve non-periodic boundary value problems</i>
11:45	25 min.	M 04	1 Spaces	C. Çevik	<i>Some properties of projective tensor product of $L^1(\mu)$ and a Banach lattice</i>
	25 min.	M 05	2 Clifford	H. De Schepper	<i>The Cauchy integral in hermitian Clifford analysis</i>
	50 min.	M 06	3 Potential	O. Karupu	<i>On finite difference properties of conformal mappings</i>
	25 min.	M 07	5 Partial	A. Di Teodoro	<i>On the Schwarz problem for the bipotential operator</i>
	50 min.	M 102	6 Dispersive	V. Georgiev	<i>Charge neutralization condition: Large time asymptotics of solution to the Schrödinger-Poisson system with an external Coulomb potential</i>
	25 min.	M 103	8 Inverse	K. Zhilisbaeva	<i>Inverse problem for a symmetrical satellite in geomagnetic field</i>
	25 min.	B 02	10 Transform	B. J. Kim	<i>Integration by parts formulas involving convolution products and first variations</i>
	25 min.	M 105	12 Pseudo	S. Wakabayashi	<i>On the Cauchy problem for operators with nearly constant coefficient hyperbolic principal part</i>
	25 min.	B 01	14 Real	T. G. Ayele	<i>Partial hypoellipticity of differential operators</i>
	25 min.	M 104	15 Numerical	Y. Sözen	<i>On well-posedness of parabolic differential and difference equations</i>
	25 min.	B 03	17 General	L. Mezrag	<i>On the multisublinear operators</i>
12:15	25 min.	M 04	1 Spaces	Y. Laskri	<i>Strong asymptotic formula for L^p extremal polynomials on the circle</i>
	25 min.	M 05	2 Clifford	P. Cerejeiras	<i>Clifford analytic methods for time-dependent equations</i>
	25 min.	M 07	5 Partial	Z. D. Usmanov	<i>A partial differential equation with a bounded set of solutions</i>
	25 min.	M 103	8 Inverse	Z. Rakisheva	<i>About the control of motion of a solid body with one fixed point in a Newton field of forces</i>
	25 min.	B 02	10 Transform	A. A. Koroleva	<i>On zero distribution of the extended Mittag-Leffler function</i>
	25 min.	M 105	12 Pseudo	A. Dali	<i>On multi-anisotropic Gevrey regularity of hypoelliptic operators</i>
	25 min.	B 01	14 Real	A. A. Huseynov	<i>Maximal operators generated by Bessel differential operators on Herz spaces</i>

	25 min.	M 104	15 Numerical	Y. Özdemir	<i>A note on difference schemes of second order of accuracy for hyperbolic-parabolic equations</i>
	25 min.	B 03	17 General	S. Kordnourie	<i>An application of a stochastic model for predicting earthquake occurrences in Iran</i>
14:30	25 min.	M 05	2 Clifford	Y. Qiao	<i>Some properties of hypermonogenic functions in Clifford analysis</i>
	25 min.	M 06	3 Potential	M. A. Macías-Cedeño	<i>On some properties of the layer potentials for the Helmholtz equation treated with hypercomplex analysis</i>
	25 min.	M 07	5 Partial	Y. Wang	<i>On Hilbert boundary value problem for polyharmonic functions</i>
	25 min.	M 102	6 Dispersive	N. Polat	<i>Existence and blow up of solution of Cauchy problem for a multidimensional nonlinear hyperbolic equation</i>
	25 min.	M 103	8 Inverse	S. Hashemiparast	<i>Improving the numerical solution of ill-posed integral transforms using modified Gauss-Legendre quadrature rule</i>
	25 min.	B 02	10 Transform	B. Jolevska-Tuneska	<i>On the dilogarithm integral and convolutions</i>
	25 min.	M 105	12 Pseudo	R. Chaili	<i>Gevrey microlocal analysis of multi-anisotropic differential operators</i>
	25 min.	B 01	14 Real	A. Goncharov	<i>Interpolating basis in the space $C^\infty[-1, 1]$</i>
	25 min.	M 104	15 Numerical	E. Öztürk	<i>Numerical solutions of Bitsadze-Samarskii problem for elliptic equations</i>
	25 min.	B 03	17 General	K. Saneva	<i>Application of quasiasymptotic boundedness of distribution on wavelet transform</i>
15:00	25 min.	M 05	2 Clifford	Y. Krasnov	<i>Differential equations in algebras</i>
	25 min.	M 06	3 Potential	B. Oktay	<i>Conformal mappings and Julia polynomials</i>
	25 min.	M 07	5 Partial	N. Rajabov	<i>About one class of second order linear hyperbolic equations for which all of boundary consists of singular lines</i>
	50 min.	M 102	6 Dispersive	H. Nakazawa	<i>Some results on spectral analysis of non-selfadjoint operators</i>
	25 min.	M 103	8 Inverse	B. Resnick	<i>Computational solution of two inverse problems for heat equation with non-local boundary conditions</i>
	25 min.	B 02	10 Transform	A. A. Kilbas	<i>Explicit solution of ordinary and partial differential equations of fractional order by using integral transforms</i>
	25 min.	M 105	12 Pseudo	G. Garello	<i>Pseudodifferential operators and regularity of solutions to non linear PDE</i>
	25 min.	B 01	14 Real	N. Özfidan	<i>Interpolating bases in spaces of differentiable functions on Cantor-type sets</i>
	25 min.	M 104	15 Numerical	A. S. Erdoğan	<i>Numerical solution of a one-dimensional parabolic inverse problem</i>
	25 min.	B 03	17 General	K. Nourouzi	<i>The probabilistic modular spaces</i>

15:30	25 min.	M 07	5 Partial	L. Rajabova	<i>Theory of a class of two-dimensional Volterra type integral equation with two super-singular lines</i>
	25 min.	M 103	8 Inverse	Y. A. Sharifov	<i>Inverse problems for hyperbolic systems with integral conditions</i>
	25 min.	M 105	12 Pseudo	T. Umeda	<i>The zero modes and zero resonances of massless Dirac operators</i>
	25 min.	B 01	14 Real	J. J. Hasanov	<i>Boundedness of commutators of B-Riesz potentials on $L_{p,\gamma}$ spaces</i>

Friday, August 17, 2007

9:00	50 min.	M 13	Plenary	G. A. Barsegian	Some new inequalities in geometry and analysis
10:15	50 min.	M 06	3 Potential	J. I. Mamedkhanov	<i>Analogue of Jackson-Bernstein theorem in L_p on closed curves in the complex plane</i>
	25 min.	M 07	5 Partial	N. Manjavidze	<i>Some problems for elliptic systems on the plane</i>
	50 min.	M 102	6 Dispersive	B. Yordanov	<i>Regularity and scattering for the wave equation with a critical nonlinear damping</i>
	50 min.	M 103	8 Inverse	K. R. Aida-zade	<i>Optimization-statistical method of parametrical identification and of processes control</i>
	50 min.	B 02	10 Transform	B. S. Kim	<i>The derivation formula for Feynman's operational calculi</i>
	25 min.	M 104	11 Oscillation	A. Zafer	<i>Interval oscillation criteria for second-order super-half-linear functional differential equations with delay and advanced arguments</i>
	25 min.	B 01	14 Real	I. I. Sharapudinov	<i>Several questions of the approximation theory of functions in spaces $L^{p(x)}(E)$</i>
	25 min.	M 105	15 Numerical	O. Gerçek	<i>Numerical solution of nonlocal boundary value problems for elliptic-parabolic equations</i>
	25 min.	B 03	17 General	Z. Bartosiewicz	<i>Noether's theorem on time scales</i>
10:45	25 min.	M 05	2 Clifford	L. H. Son	<i>The initial value problem in Clifford and quaternion analysis</i>
	25 min.	M 07	5 Partial	G. Giorgadze	<i>Density problem of monodromy representation of Fuchsian systems</i>
	25 min.	M 104	11 Oscillation	A. Yantır	<i>Existence of positive solutions of three-point nonlinear BVP on time scales</i>
	25 min.	B 01	14 Real	L. Kussainova	<i>On embeddings and multipliers of weighted Sobolev spaces</i>
	25 min.	M 105	15 Numerical	E. Gezgin	<i>Positivity of difference operators</i>
	25 min.	B 03	17 General	C. Şençimen	<i>Strong ideal convergence in probabilistic metric spaces</i>
11:45	25 min.	M 05	2 Clifford	F. Sommen	<i>Micro-localization in Clifford analysis</i>
	50 min.	M 06	3 Potential	N. Tuneski	<i>Sufficient conditions for starlikeness and convexity of an analytic function</i>
	25 min.	M 07	5 Partial	R. S. Saks	<i>Spectral problems for the curl and Stokes operators in the ball</i>
	50 min.	M 102	6 Dispersive	K. Nishihara	<i>Behavior of solutions to the Cauchy problem for the damped wave equation</i>
	25 min.	M 103	8 Inverse	A. V. Handzel	<i>Identifying rock parameters of filtration model in cylindrical coordinates</i>
	25 min.	B 02	10 Transform	E. D. Nursultanov	<i>Interpolation methods for spaces of stochastic processes</i>
	25 min.	M 104	11 Oscillation	R. Mert	<i>Extensions of a theorem of Wintner on dynamic systems on time scales with asymptotically constant solutions</i>

	25 min.	B 01	14 Real	S. K. Abdullayev	<i>Weighted Hölder estimates of singular integrals generated by a shift</i>
	25 min.	M 105	15 Numerical	J. Pastor	<i>Weak maximal regularity for abstract hyperbolic problems in function spaces</i>
	25 min.	B 03	17 General	Ü. D. Ateş	<i>Structural stability for nonlinear shallow water waves</i>
12:15	25 min.	M 05	2 Clifford	Z. Zhang	<i>Some integral representation formulas for functions with values in $C(V_{3,3})$</i>
	25 min.	M 07	5 Partial	S. Zhong	<i>Characteristic singular integral equations with solutions having singularities of higher order on the real axis</i>
	25 min.	M 103	8 Inverse	G.-W. Weber	<i>Inverse problems in gene-environment networks</i>
	25 min.	B 02	10 Transform	Z.N. Tasmambetov	<i>Laguerre polynomials in two variables determining special systems of partial differential equations</i>
	25 min.	M 105	15 Numerical	A. S. Berdyshev	<i>On a non-local problem for parabolic-hyperbolic equations with three lines of type changing</i>
	25 min.	B 03	17 General	M. Kaya	<i>Existence of weak solutions of the g-Kelvin-Voigt equations</i>
14:30	50 min.	M 13	Plenary	B. Gramsch	Spectral invariance for pseudodifferential operators and Fredholm theory
15:45	25 min.	M 05	2 Clifford	L. M. Tovar	<i>Measures and function spaces</i>
	50 min.	M 06	3 Potential	P. M. Tamrazov	<i>Grötzsch's problem</i>
	25 min.	M 07	5 Partial	O. Zhdanov	<i>Mellin-Barnes integrals and their application to a system of partial differential equations describing one-dimensional granular flows</i>
	50 min.	M 102	6 Dispersive	D. Del Santo	<i>A Littlewood-Paley approach to some inequalities for PDEs</i>
	25 min.	M 103	8 Inverse	R. A. Hamidov	<i>Special identification problem for elliptic equations</i>
	25 min.	B 03	17 General	T. Tanriverdi	<i>Contour integrals associated with differential equations</i>
16:15	25 min.	M 05	2 Clifford	T. Moreno-García	<i>Cauchy transform on nonrectifiable surfaces in Clifford analysis</i>
	25 min.	M 07	5 Partial	H. Begehr	<i>Complex partial differential equations</i>
	25 min.	M 103	8 Inverse	B. Paneah	<i>Dynamical approach to some problems in integral geometry</i>
	25 min.	B 03	17 General	A. Özyapıcı	<i>First-order multiplicative differential equations and their applications</i>
16:45	25 min.	M 06	3 Potential	J. Vasilieva	<i>Riemann boundary value problem on an open rectifiable curve</i>
	25 min.	M 102	6 Dispersive	M. Reissig	<i>Generalized energy conservation</i>
	25 min.	B 03	17 General	I. V. Boykov	<i>Approximate methods for evaluating a new class of hypersingular integral equations</i>