

**II International Conference
ANALYSIS AND MATHEMATICAL PHYSICS
16-20 June, 2014, Kharkiv, Ukraine**

Monday, June 16		
09:00-10:00	Registration (ILTPE main hall)	
10:00-10:10	Conference opening ceremony	
Morning session, chairman – Khruslov E.Ya.		
10:10-10:55	Chueshov I.D.	Dynamics in 3D viscous primitive equations
10:55-11:25	Feldman G.M.	On the Skitovich–Darmois theorem for the group of p -adic numbers
11:25-11:45	Coffee break	
11:45-12:15	Nessonov N.I.	Schur–Weyl duality for the unitary groups of II_1 -factors
12:15-12:45	Bolotov D.	Inessentiality of PSC - manifolds
12:45-14:30	Lunch	
Afternoon session, chairman – Golinskii L.B.		
14:30-15:00	Borisenko A.A.	Application of the Pogorelov uniqueness Theorem to the proof of an inverse isoperimetric inequality in two-dimensional Alexandrov spaces (on the 95th anniversary of A.V. Pogorelov)
15:00-15:30	Kotlyarov V.P.	A Model Riemann-Hilbert Problem for Unimodular Baker-Akhiezer Function
15:30-15:50	Coffee break	
15:50-16:20	Blok A.	Combinatorial models for spaces of cubic polynomials
16:20-16:50	Vengerovsky V.V.	Eigenvalue distribution of large weighted bipartite random sparse graphs
16:50-17:20	Kudryavtsev M.A.	A linear interpolation problem for vector polynomials
18:00	Get Together Party	

Tuesday, June 17		
09:00-09:30	Registration (ILTPE main hall)	
Morning session, chairman – Lyubarskii Yu.		
09:30-10:20	Sodin M.	Nodal portraits of random waves
10:20-10:50	Egorova I.E.	Long-Time Asymptotics for the Toda Shock Problem
10:50-11:10	Coffee break	
11:10-11:40	Shepelsky D.G.	The Ostrovsky–Vakhnenko equation by a Riemann–Hilbert approach
11:40-12:10	Danilenko A.I.	Heisenberg Odometers
12:10-12:40	Fastovska T.	Long-time behavior of a one-dimensional nonlinear system of thermoelasticity
12:40-14:30	Lunch	
Afternoon session I, chairman – Kudryavtsev M.A.		
14:30-14:45	Khilkova L.A.	Homogenized model of diffusion in porous media with nonlinear absorption at the boundary
14:45-15:00	Andreiev K. M.	Regularized integrals of motion of the KdV equation in a class of non-decreasing functions
15:00-15:15	Makarichev V.A.	Approximation properties of the generalized Fup-functions
15:15-15:30	Shugailo O. A.	Multidimensional affine umbilical immersions
15:30-15:45	Soloviova M.V.	A new estimate for the Bishop-Phelps-Bollobás modulus of a Banach space
15:45-16:05	Coffee break	
Afternoon session II, chairman – Vengerovsky V.V.		
16:05-16:20	Nguyen Van Quynh	Various types of convergence of sequences of subharmonic functions
16:20-16:35	Radchenko L.D.	Estimates for Riesz measures of unbounded subharmonic functions
16:35-16:50	Tanasichuk A.S.	An operator analogue of the Bruwier series
16:50-17:05	Gladkova E. G.	A method for research on polynomial systems

Wednesday, June 18**Morning session, chairman – Pastur L.A.**

09:30-10:20	Shcherbina T.S.	Universality of the local regime for the block band matrices with a finite number of blocks
10:20-10:50	Sinelshchikov S.D.	Generic symmetries on the Laurent extension of quantum plane
10:50-11:10	Coffee break	
11:10-11:40	Shcherbina M.V.	TBA
11:40-12:10	Karpel O.	Subdiagrams and invariant measures of Bratteli diagrams
12:10-12:40	Vasilchuk V. Yu.	On the fluctuations of entries of deformed unitary invariant ensembles
12:40-14:30	Lunch	

Afternoon session I, chairman – Khrabustovskyi A.V.

14:30-14:45	Shcherbina A.S.	Dissipative magnetic 2D Zakharov system in bounded domain
14:45-15:00	Bebiya M.O.	Synthesis problem for systems with power nonlinearity
15:00-15:15	Mishchenko Yu.A.	Correlation intercepts and virial expansion of the equation of state for $\tilde{\mu}, q$ -deformed Bose gas models
15:15-15:30	Revina T.V.	Robust feedback synthesis problem for a system with two perturbations
15:30-15:45	Marchenko V.A.	Hardy inequality and an example of infinitesimal operator with non-Riesz basis family of eigenvectors
15:45-16:05	Coffee break	

Afternoon session II, chairman – Shcherbina A.S.

16:05-16:20	Afanasiev I.	On the second correlation function of characteristic polynomials of sparse hermitian random matrices
16:20-16:35	Kolbasin S.	On attractors of plate models with strong nonlinear damping
16:35-16:50	Ryzhkova-Gerasymova I.	Strong solutions for interactive system of full Karman and linearized Navier-Stokes equations
16:50-17:05	Kalinin D.	Generalized shaddocks

Thursday, June 19		
Morning session, chairman – Shepelsky D.G.		
09:30-10:20	Golinskii L.B.	Schoenberg matrices and Riesz sequences of translates in $L^2(\mathbf{R}^n)$
10:20-10:50	Yampolsky A.A.	Constant slope hypersurfaces in the Euclidean space
10:50-11:10	Coffee break	
11:10-11:40	Myronyuk M.V.	Random walks on discrete abelian groups
11:40-12:10	Khrabustovskyi A.V.	Spectral problems in a domain with "trap"-like geometry of the boundary
12:10-14:30	Lunch	
Afternoon session, chairman – Kotlyarov V.P.		
14:30-15:15	Bezuglyi S.I.	Bratteli diagrams: structures, measures, ordering
15:15-15:45	Lyubarskii Yu.	Complex methods in Gabor Analysis
15:45-16:05	Coffee break	
16:05-16:35	Zolotarev V.A.	Inverse spectral problem for operators with non-local potentials
16:35-17:05	Poplavskyi M.	Annihilating Random Walks as Extended Pfaffian Point Process
17:05-17:35	Rybalko V.A.	Critical Points of the Ginzburg-Landau Functional with Semi-stiff Boundary Conditions
17:35	Conference closure ceremony	