

**International Conference
ANALYSIS AND MATHEMATICAL PHYSICS
24-28 June, 2013, Kharkiv, Ukraine**

Monday, June 24		
09:00-10:00	Registration (ILTPE main hall)	
10:00-10:10	Conference opening ceremony	
10:10-11:00	Eremenko A. E.	Herbert Stahl's proof of the Bessis, Moussa and Villani conjecture
11:00-11:20	Coffee break	
11:20-12:10	Grishin A.F.	Limit sets of integrals
12:10-13:00	Rashkovskii A.Yu.	Pluricomplex Green functions with colliding poles
13:00-14:30	Lunch	
14:30-14:50	Myronyuk M. V.	Independent linear statistics on the cylinder
14:50-15:10	Mazur I.P.	Characterization of the Haar distribution on a compact Abelian group
15:10-15:30	Kislinski A.A.	On an implicit linear non-homogeneous differential equation in a vector space
15:30-15:50	Nasedkina I.S.	Conditions on a submanifold $F^n \subset E^{n+p}$ to lie in E^{2n-1}
15:50-16:00	Coffee break	
16:00-16:20	Lemesheva N.V.	Bimodal approximate solutions of the Boltzmann equation in the weighted spaces
16:20-16:40	Gukalov A. A.	General form of the Maxwellian distribution for the model of rough spheres
16:40-17:00	Sazonova O.S.	Continual distributions with screw modes
17:00-17:20	Minakov A.A.	Riemann-Hilbert problem and mKdV equation with step like initial data: parametrixes for elliptic wave region
18:30	Welcome Party	

Tuesday, June 25		
09:00-09:30	Registration (ILTPE main hall)	
09:30-10:20	Kopachevsky N.D.	Spectral indefinite problems of hydrodynamics
10:20-10:50	Coffee break	
10:50-11:40	Malamud M.M.	1D Schödinger and Dirac operators with local point interactions
11:40-12:30	Kheifets A.Ya.	Abstract interpolation problem. Direct and inverse commutant lifting problem.
12:30-14:30	Lunch	
14:30-14:50	Kovalenko S.S.	Lie group analysis of Moffatt's problem
14:50-15:10	Stonyakin F.S.	Scale of overcompact sets and its application to theorems about convexity for range of vector measure
15:10-15:30	Baran I.V.	Symmetric subdifferentials and their applications to Fourier series
15:30-15:50	Khalilova Z.I.	The second order K-subdifferentials and their application to variational extreme problems
15:50-16:00	Coffee break	
16:00-16:20	Kuzmenko E.M.	The classes of examples non-local compact extrema of variational functional in Sobolev spaces $W^{l,p}(D)$, $p \in \mathbf{N}$ on multi-dimensional domain
16:20-16:40	Bozhonok E.V.	Sufficient condition for compact extremum of variational functional in Sobolev spaces $W^{l,p}(D)$ in terms of Hessian of integrand
16:40-17:00	Gaziev E.L.	On the modeling of static equilibrium of the system "ideal fluid-barotropic gas"
17:00-17:10	Coffee break	
17:10-17:30	Syomkina E. V.	Complete Volterra integro-differential second-order equations
17:30-17:50	Tsygankova A.V.	The sufficiency of the strengthened Legendre condition for variational problems under a possible restriction on an area measure
17:50-18:10	Voytickiy V.I.	On the spectral problem arising in superlens theory

Wednesday, June 26

09:30-10:20	Sodin M.L.	TBA
10:20-10:50	Coffee break	
10:50-11:40	Shcherbina M.V.	Universal approach to β matrix models
11:40-12:30	Shcherbina T.S.	Universality of the second mixed moment of characteristic polynomials of the 1D Gaussian band matrices

Thursday, June 27

09:30-10:20	Milman V.D.	Geometric study of convex and quasi-concave functions in \mathbf{R}^n
10:20-10:50	Coffee break	
10:50-11:40	Yuditskii P.M.	Kotani-Last problem and Hardy spaces on surfaces of Widom type
11:40-12:30	Khruslov E.Ya.	Homogenization of differential equations on Riemannian manifolds with complex microstructure
12:30-14:30	Lunch	
14:30-15:20	Kotlyarov V.P.	Matrix Riemann-Hilbert problems in the theory of nonlinear integrable equations
15:20-15:40	Coffee break	
15:40-16:30	Khorunzhiy O.M.	On the moment method in studies of large random matrices
16:30-17:20	Khrabustovskyi A.V.	On the gaps in the spectrum of the Neumann Laplacian generated by a system of periodically distributed traps
17:20-17:30	Conference closure ceremony	