

07/09/2016		FIRST DAY - September 07, 2016	
WEDNESDAY		08:30-10:00 REGISTRATION (room 201, Institute of Mathematics and Mathematical Modelling)	
Concert hall of "Gylym Ordasy"			
10:00-10:10		OPENING CEREMONY Chair: Allaberen ASHYRALYEV, Chairperson of ICAAM 2016	
PLENARY LECTURES			
10:10-10:50	Invited Speaker: Prof. Alexander Ivanovich APTEKAREV , Director of the Keldysh Institute of Applied Mathematics, Moscow, Russia The Steklov problem and estimates for orthogonal polynomials		
10:50-11:30	Invited Speaker: Prof. Alexander Leonidovich SKUBACHEVSKII , Peoples Friendship University of Russia, Moscow, Russia Initial-Boundary-Problems for Vlasov-Poisson Equations with Homogeneous Magnetic Field		
11:30-11:50		Coffee break	
11:50-12:30	Invited Speaker: Prof. Ljubisa D.R. KOCINAC , University of Nis, Serbia Selections, games and Karamata theory		
12:30-13:00	Plenary Speaker: Prof. Stanislav Nikolaevich KHARIN , Institute of Mathematics and Mathematical Modeling, Almaty, The mathematical model of a vacuum arc in electrical contacts		
13:00-14:00		LUNCH	

07/09/2016 WEDNESDAY			FIRST DAY - September 07, 2016							
			SECTIONAL SPEECHES							
	Hall 1 (room 306)		Hall 2 (room 208)		Hall 3 (room 201)		Hall 4 (room 409)		Hall 5 (room 401)	
	ANALYSIS 2		APPLIED MATHEMATICS		OTHER TOPICS		MS1: MATHEM. MODELLING		MS2: SPECTRAL THEORY	
14:00-14:15	Chair: Allaberen ASHYRALYEV	Marina PLEKHANOVA Sobolev type equations of time-fractional order with periodical boundary conditions	Chair: Alexander SKUBACHEVSKII	Ozgur YILDIRIM (Turkey) On the analytical solution methods for sine-Gordon equation	Chair: Marat TLEUBERGENOV	Nursadyk AKANBAY Furstenberg type theorem for a multiplicative product of Markov random matrices	Chair: Mersaid ARIPOV	Merey SARSENGELDIN Analytical solution of two-phase spherical Stefan problem by heat polynomials and integral error functions	Chair: Ziganur FAZULLIN	Muvasharkhan JENALIYEV On spectral problems for loaded two-dimension Laplace operator
14:15-14:30		Arsen PSKHU To the theory of linear ordinary differential equations of fractional order with constant coefficients		Uelker OKUR (Germany) Crank-Nicolson difference scheme for the stochastic parabolic equation with the dependent operator coefficient		Gulmira VASSILINA On stochastic stability of the integral manifold under permanently acting random perturbation		Lyudmila ALEXEYEVA Dynamics of the massif in the vicinity of the tunnel any profile of section under action of transport loadings		Amir SHALDANBAYEV Solution of a singularly perturbed Cauchy problem by the method of spectral decomposition
14:30-14:45		Batirkhan TURMETOV Solvability of some boundary value problems for Poisson equation in the ball		Sevilay ERDOGAN (Turkey) Numerical solution of the hyperbolic-Schrodinger equation with the multipoint nonlocal boundary condition		Nursadyk AKANBAY On asymptotic normality of solutions of the Cauchy problem of a parabolic equation with random right side		Bolatbek RYSBAIULY Iterative method of finding hydraulic conductivity characteristics of soil moisture		Lyailya ZHAPSARBAYEVA Estimates of the eigenvalues of operator arising in swelling pressure model
14:45-15:00		Abdullah ERDOGAN Unique solvability of an inverse problem for a semilinear equation with final overdetermination		Deniz AGIRSEVEN (Turkey) On the stability of the telegraph equation with time delay		Damir KULBAEV Application of the theory of games for selection of effective defense		Tulegen AMANBAEV Modeling and calculation of flotation process in one-dimensional formulation		Bolys SABITBEK An embedding theorem of Sobolev type spaces on stratified Lie groups
15:00-15:15		Ludmila PULKINA Some Problems with Nonlocal Conditions for Hyperbolic Equations		Hossein Jabbari KHAMNEI (Iran) Recurrence relation for the moments of order statistics from a beta-Pareto distribution		S. SHARIPOV New Economy Form (NEF) as a Plan-Market Economy		Targyn NAURYZ Exact solution of two phase spherical Stefan problem with two free boundaries		Murat RAMAZANOV Spectrum of Volterra integral operator of the second kind
15:15-15:30		Nurlan DAIRBEKOV Solvability of the Dirichlet problem for the p -Laplacian on stratified sets		Kadriye TURKCAN, Mehmet KOKSAL (Turkey) On Numerical Solutions of Telegraph Equations with the Dirichlet Boundary Condition		Sh. BILALL Weighted inequality of Hardy type		Alibek ISSAKHOV Mathematical modeling of the thermal effect on the aquatic environment from thermal power plant by using two water discharged pipes		Gaukhar AREPOVA A regular problem for an elliptic-parabolic equation with a potential boundary condition
15:30-16:00			Coffee break							

Sept. 7	Hall 1 (room 306)		Hall 2 (room 208)		Hall 3 (room 201)		Hall 4 (room 409)		Hall 5 (room 401)	
	ANALYSIS 2		APPLIED MATHEMATICS		OTHER TOPICS		MS1: MATHEM. MODELLING		MS2: SPECTRAL THEORY	
16:00-16:15	Chair: Arsen PSKHU	Zhaksylyk TASMAMBETOV Confluent hyper geometric function and two variables Laguerre polynomials as solutions of Wilczynski type system	Chair: Alexander APTEKAREV	Kanat SHAKENOV Numerical solution in relaxationally-compressed porous environment by Monte Carlo and probability difference methods	Chair: Bektur BAIZHANOV	Beibut KULPESHOV Binarity for almost w-categorical quite o-minimal theories	Chair: Stanislav KHARIN	Fikret Aliev An asymptotical method for determining hydraulic resistance coefficient of gas-lift process	Chair: Andrei Shkalikov	Baltabek KANGUZHIN A boundary inverse problem of a differential operator with integro-differential boundary conditions
16:15-16:30		Serik ALDASHEV The correctness Dirichlet problem for three-dimensional elliptic equations with type and order extinction		Aigul MANAPOVA Differentiation of the functional in an optimization problem for diffusion and convective transfer coefficients		Assylbek ISSAKHOV Hyperimmunity and A-computable universal numberings		Ainur ZHUMALI A modelling the dynamics of in-situ leaching process at the microscale		Durvudkhan SURAGAN Spectral geometry inequalities for Schatten p -norms of compact operators
16:30-16:45		Anar ASSANOVA On a nonlocal problem with integral conditions for the system of partial differential equations of second order		Meltem UZUN (Turkey) On the numerical solution of sine-Gordon equation		Bektur BAIZHANOV One-types in ordered theories		Aigul KAZHIKENOVA Mathematical modeling of the temperature dependence of molten viscosity of metal according to the concept of chaotized parts		Nurlan IMANBAEV Stability of basis property of a type of problems with nonlocal perturbation of boundary conditions
16:45-17:00		Dinmukhambet SAPAKOV Asymptotics solutions of a singularly perturbed integro-differential problem with rapidly oscillating coefficients		Gulmira ZAKIR'YANOVA Dynamic analogues of Green and Gauss's formulas for unsteady dynamics of anisotropic elastic medium		Tatiyana ZAMBARNAYA One-formulas in ordered theories		Samat KASSABEK The mathematical models of electromagnetic field dynamics and heat transfer in closed electrical contacts		Abdizhahan SARSENBI On the basis property of eigenfunctions of second order differential operators with involution
17:00-17:15		Aziza MIRZAKULOVA Asymptotic estimates of the solution of the Cauchy problem for singularly perturbed integro-differential equations		Michael DMITRIEV The near optimality of the stabilizing control in a weakly nonlinear system with state-dependent coefficients		Aibat YESHKEYEV Categorical Jonsson fragments in existentially prime convex Jonsson theory		Nurtoleu SHAKHAN Simulation of shock wave boundary layer interaction in at channel with jet injection		Leonid KRITSKOV, On Spectral Properties of Perturbations of the Operator $-u''(-x)$ with Initial Data
17:15-17:30		Anatoly ATTAEV Boundary value problems for loaded hyperbolic equations		Uzak ZHAPBASBAYEV Optimization of turbulent flow in a radial reactor with fixed bed		Victor VERBOVSKIY Some classes of o-stable structures		Saltanbek MUKHAMBETZHANOV Mathematical modeling of non-equilibrium sorption		Bazarkan BIYAROV Bounded perturbations of the correct restrictions and extensions
17:30-17:45		Muvasharkhan JENALIYEV On a homogeneous parabolic problem in an infinite corner domain		Daulet ALIBIYEV Spreading of flame front I by the predictor-corrector scheme		Cigdem GUNDUZ ARAS A study on intuitionistic fuzzy supra soft topological spaces		Medet INKARBEKOV A new combined DG-MC solver for large eddy simulation of reacting turbulent flows		Nurgissa YESSIRKEGENOV Euler-Hilbert-Sobolev spaces on homogeneous groups
17:45-18:00		Symbat KABDRAKHOVA Algorithm of finding of a solution of linear hyperbolic equation with the mixed derivative		Dossan BAIGEREYEV Numerical solution of an optimal control problem governed by three-phase non-isothermal flow equations		Sadi BAYRAMOV On the Tietze extension theorem in soft topological spaces		Aidyn AITZHAN Implementation of scalar filtered density function for large eddy simulation of turbulent reacting flow		Aidyn A. KASSYMOV An isoperimetric inequality for heat potential and heat equation

08/09/2016		SECOND DAY - September 08, 2016						
THURSDAY		SECTIONAL SPEECHES						
	Hall 1 (room 306)		Hall 2 (room 208)		Hall 4 (room 409)		Hall 5 (room 401)	
	ANALYSIS 2		ANALYSIS 1		MATH. EDUCATION		MS3: DYNAMICAL SYSTEMS	
09:00-09:15	Chair: Ludmila PULKINA	Bahriye Karaca (Turkey) A note on the Dirichlet problem for model complex partial differential equations	Chair: Ljubisa D.R. KOCINAC	Kairat MYNBAEV Convergence of kernel density estimators on compact sets	Chair: Yessen Bidaibekov	Guldina KAMALOVA Features and advantages of training teachers to use means of informatization to pro le teaching mathematics	Chair: Fikret Aliev	Serikbai AISAGALIEV Investigation on absolute stability of regulated systems in a simple critical case
09:15-09:30		Aleksandr KOZHANOV Global solvability in some models related to equations of Sobolev type		Orhan TUG (Iraq) Four-dimensional generalized difference matrix and some double sequence spaces		Indira OMAROVA Formation of project and research skills of students in calculation of limits		Nurlan ABIEV On a dynamical system relating to the Ricci flow on Aloff-Wallach spaces
09:30-09:45		Djamila SEBA (Algeria) Weak solutions for nonlinear fractional differential equations with fractional separated boundary conditions in Banach spaces		Farkhondeh HOSSEINI SHEKARABI (Iran) Operational matrices for finding numerical solution of stochastic differential equations arisen in financial mathematics		Victor KORNILOV Fundamentalization of mathematical knowledge while teaching students inverse and incorrect problem		K.G. GASIMOVA Time frequency method of solving a boundary value problem for a hyperbolic system and its application to the oil extraction
09:45-10:00		Meirkhan BORIKHANOV On construction of solutions of linear fractional differential equations with constant coefficients		Kiomars MOTARJEM (Iran) Analyzing High-Dimensional Survival Data Using Random Forests		Bahytgul KASKATAEVA Methods of professionally-oriented training of complex function theory		Zainel MURZABEKOV Design of PI regulators for dynamic systems with constrained control and fixed endpoints of trajectories
10:00-10:15		Sergey PISKAREV Approximation in time of fractional equations		Erlan NURSULTANOV Summability of the Fourier coefficients of functions from anisotropic Lorentz space		Bektas BOSTANOV Geometric heritage of al-Farabi in education		Mersaid ARIPOV The Fujita type a critical exponent for a double nonlinear parabolic equation and system
10:15-10:30		Alexandr SOLDATOV Integrals with homogeneous - difference kernels on the plane and their applications		Orhan TUG (Iraq) Four-dimensional generalized difference matrix and almost convergent double sequence spaces		Simon SEROVAJSKY History of mathematics and its teaching in higher school		Mikhail TUROV Martinet-Ramis modulus for one Quadratic System
10:30-11:00		Coffee break						

08/09/2016		SECOND DAY: PLENARY LECTURES	
THURSDAY		Concert hall of "Gylym Ordasy"	
14:00-14:40	Invited Speaker: Academician RAS Iskander Asanovich TAIMANOV ,		

Heads of the Ministry of Education and Sciences of the Republic of Kazakhstan, of the National Academy of Sciences, of scientific organizations and educational institutions, academicians and professors, who are personally aware of or meet by work with the academician Tynysbek Kal'menov, are invited to the Celebration meeting.

Young scientists and students of mathematical specialties will participate in the ceremony.

Close relatives and friends of the Hero of the day are also invited to the ceremony.

Thereby the Celebration meeting will be held on Kazakh and Russian languages.

If someone wishes to speak in English, it is also quite acceptable.

Unfortunately, the Organizing Committee is unable to provide simultaneous translation of speeches into English.

09/09/2016		THIRD DAY - September 09, 2016		
FRIDAY		SECTIONAL SPEECHES		
	Hall 1 (room 306)		Hall 2 (room 208)	Hall 5 (room 401)
	ANALYSIS 3		APPLIED MATHEMATICS	MS2: SPECTRAL THEORY
09:00-09:15	Chair: Mikhail RUZHANSKY	Turdebek N. BEKJAN Noncommutative Holder-type inequalities	Chair: Lyudmila ALEXEYEVA	Akylbek KERIMBEKOV The resolvent equation of nonlinear Fredholm integral equations
09:15-09:30		Faruk UYGUL (UAE) Multiplier Amenability of Banach Algebras		Abdisalam SARSENBI Green's function of the second order differential operator with involution
09:30-09:45		Nurzhan BOKAYEV On the compactness of set in generalized Morrey spaces		Ziganur FAZULLIN On spectrum of perturbed two-dimensional harmonic
09:45-10:00		Asghar RANJBARI (Iran) Some properties of linear operators in locally convex cones		Daulet NURAKHMETOV Well-posed problems for the Laplace operator in the multiply connected domains
10:00-10:15		Vladimir FEDOROV Initial value problem for a class of fractional order inhomogeneous equations in Banach spaces		Mussakan MURATBEKOV On spectral properties of a Shrodinger operator with a negative parameter
10:15-10:30		Alibek YESKERMESSULY About the defect indices of fourth-order differential operator with rapidly oscillating coefficients		Kanat TULENOV Duality property of the noncommutative ℓ_∞ and ℓ_1 valued symmetric Hardy spaces
10:30-11:00		Coffee break		
11:00-12:00		POSTER PRESENTATIONS		