

# Thursday, 1st of June

Kyiv Time UTC+3

10:30 - 11:00	<b>Opening Ceremony</b>				
	Meeting ID: 849 9975 1600			Access code: 280606	
	<b>Algebra, Geometry and Topology</b>  Chairperson: <i>Andriana Plakosh</i>	<b>Applied and Computational Mathematics</b>  Chairperson: <i>Oleksandr Lahodzynski</i>	<b>Differential Equations and Mathematical Physics</b>  Chairperson: <i>Vitalii Soldatov</i>	<b>Probability and Statistics</b>  Chairperson: <i>Georgii Riabov</i>	<b>Theory of Functions and Functional Analysis</b>  Chairperson: <i>Sophiia Ratushniak</i>
	Meeting ID: 849 9975 1600 Access code: 280606	Meeting ID: 546 666 1943 Access code: Pifagorbox	Meeting ID: 859 2566 6183 Access code: 883621	Meeting ID: 870 1998 6880 Access code: 219555	Meeting ID: 913 7808 6623 Access code: 301613
11:00 - 11:15	<i>Kateryna Antoshyna</i> Graphs with parity conditions between non-cut vertices	<i>Süleyman Cengizci</i> A Computational Study on Natural Convection Phenomena	<i>Tetiana Skorobohach</i> On Fredholm Boundary-Value Problems In Sobolev-Slobodetskiy Spaces	<i>Emanuela Gussetti</i> On ergodicity of invariant measures for the stochastic Landau-Lifschitz-Gilbert equation in 1D	<i>Atanu Manna</i> On improved discrete Hardy's inequality
11:20 - 11:35	<i>Bohdan-Yarema Dekhtiar</i> Line digraphs of polytrees and their weak components	<i>Julia Kalosha</i> Stabilization of Controlled Vibrations of the Model of an Orbital Satellite Antenna	<i>Igor Gapyak</i> Evolution of correlations in a system of hard spheres	<i>Vitalii Konarovskiy</i> Conservative SPDEs as fluctuating mean field limits of stochastic gradient descent	<i>Mohamed Amine Boubatra</i> Boas type theorems for the one-dimensional (k;a)-generalized Fourier transform
11:40 - 11:55	<i>Yur-Liubomysl Dekhtiar</i> Metric, forward convex-preserving, and continuous maps between graphs	<i>Thomas Jahn</i> Sampling numbers of smoothness classes via $l^1$ -minimization	<i>Oleksandra Lokaziuk</i> Symmetry analysis of (1+1)-dimensional nonlinear generalized Klein-Gordon equations	<i>Boris Manikin</i> Some properties of solutions of the equations with a general stochastic measure	<i>Zeghad Bochra</i> The Bergman Popov's subgradient extragradient algorithm for strongly

					pseudomonotone equilibrium problems
12:00 - 12:15	<b>Dmytro Karvatskyi</b> Fractal dimension of the set of subsums for multigeometric series	<b>Somia Boumizez</b> Uniform observability of wave equation by spectral collocation method	<b>Hichem Kasri</b> Decay of solutions of a coupled system in a star-shaped domain with linear boundary and internal feedbacks	<b>Fatima Khanchouche</b> The best and the worst Nash equilibrium and the anarchy price	<b>Mebarki Khadidja</b> Coupled fixed point results for nonlinear contraction in b-fuzzy metric space endowed with graph with application
12:20 - 12:35	<b>Nikita Arskyi</b> On some arithmetic functions for Gaussian integers	<b>Oleh Samoilenko</b> Neuromorphic Computing: Is It Worth It?	<b>Sara Hamaizia</b> Chaos in fractional Duffing equation	<b>Mohammed Amine Meraou</b> Univariate compound models based on random sum of variates with related application	<b>Sakina Maamar Benzamia</b> Norm inequalities for positive semidefinite matrices
12:40 - 12:55	<b>Bohdan Feshchenko</b> Stabilizers of Morse-Bott functions on surfaces and their homotopy type	<b>Muhammad Sami Siddiqui</b> Euler Elastic Model & Its Treatment	<b>Daria Diachenko</b> Use of Adomian's decomposition method in the theory of nonlinear autonomous boundary value problem	<b>Anastasiia Hrabovets</b> Operators of second quantization for Bernoulli noise	<b>Besma Laouadi</b> The CLR Property allows the use of C-Class and Inverse C-Class Functions to establish a Common Fixed Point Theorem in Intuitionistic Menger Space
13:00 - 13:15		<b>Labid Messaouda</b> Synchronization between fractional-order chaotic systems and integer order chaotic systems (fractional-order chaotic systems)			<b>Boudaoud Miloudi</b> Entire functions that share zero with their shifts and difference operators
13:20 - 14:00	<b>Lunch time</b>				

Kyiv Time UTC+3	<b>Applied and Computational Mathematics</b>  Chairperson: <b><i>Oleksandr Lahodzynski</i></b>	<b>Differential Equations and Mathematical Physics</b>  Chairperson: <b><i>Oleksandra Lokaziuk</i></b>	<b>Probability and Statistics</b>  Chairperson: <b><i>Alexander Weiss</i></b>
	Meeting ID: 546 666 1943 Access code: Pifagorbox	Meeting ID: 859 2566 6183 Access code: 883621	Meeting ID: 870 1998 6880 Access code: 219555
14:00 - 14:15	<b><i>Meriem Louafi</i></b> Average no-regret & average low-regret controls for a thermoelastic system	<b><i>Timon Ruben Weinmann</i></b> Lieb-Thirring Inequalities in Hyperbolic Space	<b><i>Georgii Riabov</i></b> Strong flow modifications of stochastic flows
14:20 - 14:35	<b><i>Fares Yazid</i></b> Timoshenko system of second sound with time-varying delay: well posedness and stability	<b><i>Olena Atlasiuk</i></b> On solvability of generic boundary-value problems	<b><i>Oksana Braganets</i></b> A limit theorem for a nested infinite occupancy scheme in random environment
14:40 - 14:55	<b><i>Afroun Fairouz</i></b> Nonparametric estimation of the reliability characteristics of a standby system	<b><i>Yevgeniia Yevgenieva</i></b> Weak Harnack inequality for unbounded minimizers of elliptic functionals with non-standard growth	<b><i>Dmytro Koitiuk</i></b> The Cauchy problem for the hyperbolic equation of mathematical physics with a random right side
15:00 - 15:15	<b><i>Soumia Bensimessaoud</i></b> Global combination synchronization in identical fractional-order chaotic systems using active control	<b><i>Iryna Chepurukhina</i></b> On elliptic boundary-value problems in function spaces of low regularity	<b><i>Hennadii Navrotskyi</i></b> Asymptotics related to number of upcrossings of a Gaussian random process
15:20 - 15:35	<b><i>Guezzen Cherifa</i></b> The role of quarantine for containing the epidemic	<b><i>Vitalii Soldatov</i></b> On error estimates for the approximation of solutions to general boundary-value problems	<b><i>Kyrylo Kuchynskyi</i></b> Quadratic entropy

15:40 - 16:00	<b><i>Bouchra Chennaf</i></b> Vaccination and treatment effects on the dynamic behavior of a TB model	<b><i>Lila Ihaddadene</i></b> Well-posedness of solution to a coupled system wave/Wentzell with nonlinear dampings and delays	<b><i>Naoufel Salhi</i></b> Asymptotics related to generalized self intersection local times of Brownian motion
16:00- 16:15	<b><i>Ikram Bouzoualegh</i></b> A New error estimate of generalized Schwarz algorithm for a class of elliptic variational inequalities	<b><i>Ali Khalouta</i></b> A reliable analytical technique for solving nonlinear Caputo time-fractional gas dynamics equations	
16:20- 16:35	<b><i>Imane Ouakil</i></b> Analysis of a dynamic viscoelastic frictionless contact problem with adhesion	<b><i>Bouternikh Salih</i></b> On some properties of meromorphic solutions of q-difference equations in ultrametric fields	
16:40- 16:55	<b><i>Safa Guerdouh</i></b> A feasible interior-point algorithm based on a kernel function with a hyperbolic barrier term	<b><i>Mahmoudi Sofiane</i></b> Wiman-Valiron theory of entire functions and linear fractional differential equations	
17:00- 17:15	<b><i>Maroua Amel Boubekeur</i></b> Impact of mortality of obese people infected with Covid-19 on the dynamic behavior of the Covid-19 model		

Kyiv Time UTC+3	<b>Probability and Statistics</b>  Chairperson: <i>Naoufel Salhi</i>	<b>Theory of Functions and Functional Analysis</b>  Chairperson: <i>Nataliia Vasylenko</i>
	Meeting ID: 870 1998 6880 Access code: 219555	Meeting ID: 913 7808 6623 Access code: 301613
16:00- 16:15	<i>Viktor Yuskovych</i> Asymptotic behaviour of solutions of multidimensional stochastic differential equations	<i>Taras Vasylyshyn</i> On isomorphisms of algebras of entire symmetric functions on Banach spaces
16:20- 16:35	<i>Taras Lysetskyi</i> Transient phenomena for total progeny in Galton-Watson processes with immigration	<i>Ivan Feshchenko</i> On the closedness of the sum of subspaces of the space $B(H, Y)$ consisting of operators whose kernels contain given subspaces of $H$
16:40- 16:55	<i>Mykyta Yakovliev</i> Asymptotically normal estimation of parameters of mixed fractional Brownian motion with trend	<i>Vita Baksa</i> Boundedness of the L-index in a direction of the sum of slice holomorphic functions in the unit ball
17:00- 17:15	<i>Kateryna Kustarova</i> Description of bonds trading via random point processes	<i>Yelyzaveta Sviatovets</i> Crum transformation of the Laguerre operators
17:20- 17:35	<i>Imane Bouazza</i> On the real-time kernel estimation of some conditional models for functional covariates	<i>Olena Yakunina</i> Darboux transformation of the indefinite Sturm-Liouville operators
17:40- 17:55		<i>Mykyta Vieprik</i> Explicit rank-one constructions for irrational rotations

## Friday, 2nd of June

Kyiv Time UTC+3	<b>Algebra, Geometry and Topology</b>  Chairperson: <i>Iryna Kuznietsova</i>	<b>Applied and Computational Mathematics</b>  Chairperson: <i>Oleksandr Lahodzynski</i>	<b>Differential Equations and Mathematical Physics I</b>  Chairperson: <i>Vitalii Soldatov</i>	<b>Differential Equations and Mathematical Physics II</b>  Chairperson: <i>Iryna Chepurukhina</i>	<b>Probability and Statistics</b>  Chairperson: <i>Vitalii Konarovskiy</i>	<b>Theory of Functions and Functional Analysis</b>  Chairperson: <i>Iryna Denega</i>
	Meeting ID: 849 9975 1600 Access code: 280606	Meeting ID: 546 666 1943 Access code: Pifagorbox	Meeting ID: 859 2566 6183 Access code: 883621	Meeting ID: 938 531 1448 Access code: RJT8D3	Meeting ID: 870 1998 6880 Access code: 219555	Meeting ID: 939 8780 2228 Access code: 473164
11:00 - 11:15	<i>Lakehal Rachid</i> Almost and weakly neighborhood star-Menger	<i>Maksym Shamrai</i> Object Detection from UAV Perspective using YOLOv8 and VisDrone Dataset	<i>Oleksandra Vinnichenko</i> Point- and contact-symmetry pseudogroups of dispersionless Nizhnik equation and its nonlinear Lax representation	<i>Oleksandr Pokutnyi</i> Weak chaos in discrete systems	<i>Illia Donhauzer</i> Limit theorems for multifractal products of random fields	<i>Omar Boussaid</i> On Symmetric polyconvexity of compact sets
11:20 - 11:35	<i>Bouchra Merdji</i> p-biharmonic maps and warped product manifolds	<i>Volkan Ala</i> Analytical Solutions of a Nonlinear Stochastic-Fractional Equation	<i>Anastasia Chernyshenko</i> On three spectra problem and Ambarzumian's theorem	<i>Vladyslav Nedostup</i> Equilibrium position in the nonisothermal chemical reaction model	<i>Olga Syniavska</i> Estimation of the parameters of the covariance function of the fractional Brownian field	<i>Glenn Byrenheid</i> Rate optimal sparse approximation of break of scale embeddings
11:40 - 11:55	<i>Belkhiri Radja</i> $\eta$ –(skew) Hermitian reflexive solution to a system of real quaternion matrix equations	<i>Raouf Ziadi</i> A Derivative-Free algorithm for continuous global optimization	<i>Kamlesh Raghuvanshi</i> On Controllability of Linear Control Delay Systems	<i>Radhouane Aounallah</i> Asymptotic behavior of a viscoelastic wave equation with time-varying delay in	<i>Alexander Weiss</i> Intermittency Phenomena of Mass Distributions of Stochastic Flows with Interaction	<i>Rachid Yahi</i> The approximation property for spaces of Lipschitz functions

				fractional internal feedbacks		
12:00 - 12:15	<b>Rizwan Alam Alam</b> On Closedness Of Some Permutative Posemigroup Identities	<b>Abderrazak NABTi</b> Global Existence and Blow-up of Solutions of Fractional evolution problem	<b>Ouaar Fatima</b> Approximate Solutions of Ordinary Differential Equations Via Metaheuristic Algorithms	<b>Allal Mehazzem</b> Homoclinic solutions and Solitons in the discrete nonlinear Helmholtz-Schrodinger equation	<b>Fetima Boudjedaimi Ladjimi</b> On the asymptotic behavior of one class of two-dimensional Markov chains	<b>Zouheyr Zeghad</b> Embeddings properties of variable Besov-type spaces
12:20 - 12:35	<b>Saadi Djazia</b> Characteristic sets of a picture fuzzy set	<b>Hassan Messaoudi</b> Asymptotic behavior for nonlinear piezoelectric beams with magnetic effects	<b>Nor-El-Houda Beghersa</b> On the implicit stationary differential equations in Hilbert spaces	<b>Ibrahim Lakehal</b> Stabilisation and existence of non linear Euler-Bernoulli beam	<b>Ismahen Bernou</b> Limit theorems for dependent random variables with infinite means	<b>Hadjer Ounis</b> Generalized $c$ -almost periodic functions defined on vertical strips in the complex plane
12:40 - 12:55	<b>Katherina von Dichter</b> The Diameter-width-ratio for complete and pseudo-complete sets	<b>Nourelhouda Groun</b> Data-Driven Modal Decomposition Technique for Medical image analysis	<b>Chahrazed Boudefla</b> Nonlocally controllability of mild solutions for neutral evolution problems with finite state-dependent delay	<b>Farid Chabane</b> Some analysis on generic $p$ -Laplacian boundary value problems of weighted fractional impulsive differential equations	<b>Farida Hamrani</b> Simulating Performance: A Comparative Study Between two Regression Estimators for Left Truncated Data	<b>Kshitij Kumar Pandey</b> A note on Shauder bases of mixed norm spaces with an application to fractal Shauder bases
13:00 - 13:15		<b>Sayooj Aby Jose</b> Analyzing the Spread of Chickenpox: Implications for Health Planning	<b>Imane Benabdallah</b> The Extended of 16th Hilbert Problem For The Discontinuous Piecewise Differential Systems Formed by Quartic Hamiltonian Centers and linear Center Separated by a Straight line	<b>Aziza Bachmar</b> Variational analysis of an electro-viscoplastic contact problem		<b>Athmane Ferradi</b> Sequences in Banach spaces
13:20 - 14:00	<b>Lunch time</b>					





Kyiv Time UTC+3	<b>Algebra, Geometry and Topology</b>  Chairperson: <i>Iryna Kuznetsova</i>	<b>Applied and Computational Mathematics</b>  Chairperson: <i>Oleksandr Lahodzynski</i>	<b>Differential Equations and Mathematical Physics I</b>  Chairperson: <i>Vitalii Soldatov</i>	<b>Differential Equations and Mathematical Physics II</b>  Chairperson: <i>Olena Atlasiuk</i>	<b>Probability and Statistics</b>  Chairperson: <i>Olga Syniavska</i>	<b>Theory of Functions and Functional Analysis</b>  Chairperson: <i>Ivan Feshchenko</i>
	Meeting ID: 849 9975 1600 Access code: 280606	Meeting ID: 546 666 1943 Access code: Pifagorbox	Meeting ID: 859 2566 6183 Access code: 883621	Meeting ID: 938 531 1448 Access code: RJT8D3	Meeting ID: 870 1998 6880 Access code: 219555	Meeting ID: 939 8780 2228 Access code: 473164
14:00 - 14:15	<i>Shabnam Abbas</i> On closedness of right(left) normal bands and left(right) quasnormal bands	<i>Ihor Raynovskyy</i> Lanchester's equations in model of conflicting sides	<i>Nicolas Zadeh</i> Derivation and analysis of a Fokker-Planck equation describing a population of spiking resonate-and-fire neurons	<i>Baya Laadjal</i> Transcritical and flip bifurcation in discrete-tire modèle with fractional-order	<i>Redjam Ibtissem</i> Comparative study of some methods of regularization in the linear model	<i>Rachid Belgacem</i> Jafari transform of MABC fractional integral operator
14:20 - 14:35	<i>Federico Giovanni Infusino</i> Pre-Torsion Theories on Concrete Categories	<i>Mehamdia abd Elhamid</i> New modification of nonlinear conjugate gradient method and application to non-parametric estimation	<i>Louiza Baymout</i> The birth of limit cycles in a family of planar piecewise differential systems having two concentric circles as switching manifold	<i>Sami Loucif</i> Global well-posedness and exponential decay of fully dynamic and electrostatic or quasi-static piezoelectric beams subject to a some distributed delay types	<i>Zahia Khemissi</i> Weighted Least Square Estimation: Monte Carlo Simulation and Application	<i>Dahmane Achour</i> The space of vector-valued strongly Lorentz sequences
14:40 - 14:55	<i>Yagub Najaf Aliyev</i> Apollonius problem and caustics of an ellipsoid	<i>Nacer Meriem</i> Modified Salp Swarm Algorithm for Global Optimisation with the Use of Chaos	<i>Omar Choucha</i> Ulam-Hyers-Rassias stability of boundary value discrete fractional hybrid equation	<i>Asma Amira Batahri</i> Existence and asymptotic behavior for a nonlinear elliptic problem involving the fractional p-Laplacian	<i>Zahia Ahmedi Ezzourgui</i> Queueing system with working vacation and strong and weak disasters with repair and application in network on chip	<i>Beyaz Basak Eskisehirli</i> A disjoint hypercyclicity criterion with applications to Toeplitz operators

15:00 - 15:15	<b><i>Kuznietsova Iryna</i></b> On deformational properties of Morse functions on non-oriented surfaces	<b><i>Souli Choubeila</i></b> Interior point method for convex quadratic programming	<b><i>Nour Elhouda Allaoui</i></b> Weak solutions for the $p_i(x)$ -Laplacian equations with variable exponents and degenerate coercivity and $L^m$ data	<b><i>Nabila Barrouk</i></b> Invariant regions and Asymptotic behavior for reaction-diffusion systems with a tridiagonal symmetric Toeplitz matrix of diffusion coefficients	<b><i>Yacine Chaib</i></b> The robust estimator for LTRC model and dependent data	<b><i>Noura Laksaci</i></b> Fixed point theorem for non self operators on Strictly Star Shaped Sets of Generalized Banach Spaces and applications
15:20 - 15:35	<b><i>Dmytro Popovych</i></b> Lie orthogonal operators on metric Lie algebras	<b><i>Benatmane Sara</i></b> An innovative data security method using elliptic curve cryptography	<b><i>Aicha Ghanem</i></b> The Brachistochrone parametric curves the solution in the non-singular case $k > 0$	<b><i>Zineb Bouslah</i></b> On the stability of finite difference schemes for nonlinear diffusion equations	<b><i>Ahlam Guiatni</i></b> Economic Trend Resistant Fractional Factorial Designs of Resolution IV Based on Hadamard Matrices	<b><i>Sakina Maamar Benzamia</i></b> Norm inequalities for positive semidefinite matrices
15:40 - 16:00	<b><i>Oleksandr Pypka</i></b> On some properties of Poisson (2-3)-algebras	<b><i>Samia Kettab</i></b> A new wide neighbourhood primal-dual algorithm for quadratic programming	<b><i>Said Mazouz</i></b> Nevanlinna theory in a punctured disc and application to linear differential equations	<b><i>Serhii Koval</i></b> Pseudo-discrete symmetries		<b><i>Toufik Tiaiba</i></b> Some property of factorable Lipschitz quasi weakly and unconditionally p-nuclear operators
16:00- 16:15	<b><i>Marharyta Pistruil</i></b> Fundamental theorems of quasi-geodesic mappings of generalized-recurrent spaces	<b><i>Rouibah Khaoula</i></b> Numerical study for an integro-differential nonlinear volterra equation	<b><i>Soumia Saidi</i></b> On a dynamical system involving Caputo fractional derivative	<b><i>Benzahi Ahlem</i></b> Existence of solution of Caputo Fabrizio fractional differential equations with not instantaneous impulses using Darbo's fixed point theorem		<b><i>Sohir Zid</i></b> Characterization of invertible operators in delta (H) via Duggal transform
16:20- 16:35		<b><i>Badaoui Soufiane</i></b> Study of a competition model between two species of microorganisms with interaction intraspecific in a chemostat	<b><i>Abdelbadie Younes</i></b> An approach for solving a Hamilton-Jacobi type problem with fractional diffusion	<b><i>El-Hadi Kamel</i></b> Existence of solutions for a plate equation with a source term and non-local boundary condition		<b><i>Maatougui Belaala</i></b> On strictly Lipschitz (p,r,s)- summing operators

16:40- 16:55		<b>Oleksandr Lahodzynskyi</b> Three-dimensional steady-state resonant sloshing in square-base tank	<b>Messaouda Ben Attia</b> A type of the evolution free boundary problems in a bounded domain of $R^3$ : study the uniqueness of the solution	<b>Helal Mohamed</b> Fractional Differential Perturbed Equations with Infinite State-Dependent Delay in Fréchet Spaces		
17:00- 17:15			<b>Hichem Khelifi</b> Existence and regularity of solutions of nonlinear anisotropic elliptic problem with Hardy potential			

<b>Kyiv Time UTC+3</b>	<b>Probability and Statistics</b>  Chairperson: <b><i>Kyrylo Kuchynskyi</i></b>
	Meeting ID: 870 1998 6880 Access code: 219555
16:00- 16:15	<b><i>Mykola Moroz</i></b> Perron-Series Representation of Real Numbers ( $\bar{P}$ -Representation) and Frequency of Digits in the $\bar{P}$ -Representation
16:20- 16:35	<b><i>Rostyslav Kryvoshiya</i></b> About one system of signs, distributed according to a absolutely continuous distribution
16:40- 16:55	<b><i>Dmytro Skakun</i></b> About one absolutely continuous function that does not satisfy the Lipshitz condition, given in terms of the $Q_s^*$ -representation of real numbers

17:00- 17:15	<b><i>Oleh Makarchuk</i></b> On the structure of the distribution of one random series
17:20- 17:35	<b><i>Oleksandr Volkov</i></b> One power series distribution with parameterization by mean

## Saturday, 3rd of June

Kyiv Time UTC+3	Differential Equations and Mathematical Physics	Probability and Statistics	Theory of Functions and Functional Analysis
	Chairperson: <b><i>Vitalii Soldatov</i></b>	Chairperson: <b><i>Hennadii Navrotskyi</i></b>	Chairperson: <b><i>Bogdan Klishchuk</i></b>
	Meeting ID: 859 2566 6183 Access code: 883621	Meeting ID: 870 1998 6880 Access code: 219555	Meeting ID: 849 1366 4619 Access code: 964827
11:00 - 11:15	<b><i>Ivanna Bondar</i></b> Resonance case for weakly perturbed linear boundary value problems for systems of integro-differential equations with a degenerate kernel	<b><i>Valeriya Kotelnikova</i></b> A law of the iterated logarithm for sums of independent indicators, with application to Karlin's occupancy scheme	<b><i>Ruslan Shanin</i></b> Oscillations in the discrete case
11:20 - 11:35	<b><i>Olga Chepok</i></b> Asymptotic Representations of Rapidly Varying Solutions of Essentially Nonlinear Second Order Differential Equations with Regularly and Rapidly Varying Nonlinearities	<b><i>Ievgen Karnaukh</i></b> A note on asymptotic behavior of the overshoot distribution for a Lévy process	<b><i>Vitalii Shpakivskyi</i></b> Sigma-monogenic functions in commutative algebras

11:40 - 11:55	<b>Shuja-ud-din Razeen-ud-din</b> Dynamic integral inequalities with their applications in terminal value problems on time scales	<b>Olga Prykhodko</b> Asymptotic behavior of the parameter estimators in the Vasicek model based on discrete observations	<b>Sofiia Ratushniak</b> A <sub>2</sub> -continued fractions and their applications
12:00 - 12:15	<b>Bilal Basti</b> Thermodynamical Problem of High-Frequency Ultra Sound Waves Equation with Fractional Operators	<b>Diana Avetisian</b> Asymptotic properties of parameter estimators in mixed fractional stochastic heat equation	<b>Mariia Stefanchuk</b> On the functional asymptotic of solutions of the nonlinear Cauchy-Riemann-Beltrami type equation
12:20 - 12:35	<b>Hanane Chinoune</b> Numerical solutions of nonlinear fractional differential equation using a modified ADM	<b>Abdelatif Benchérif Madani</b> On the boundary local time of a reflected diffusion in space	<b>Liudmyla Vyhivska</b> The estimates of the inner radii of symmetric non-overlapping domains
12:40 - 12:55	<b>Abibssi Imane</b> Mild solution of nonlocal neutral perturbed pseudo integrodifferential evolution equations with state dependent delay		<b>Yaroslav Zabolotnyi</b> Estimates of some functionals on the classes of functions without common values
13.00 - 14.00	<b>Lunch time</b>		

Kyiv Time UTC+3	<b>Differential Equations and Mathematical Physics</b>	<b>Probability and Statistics</b>
	Chairperson: <b><i>Ivanna Bondar</i></b>	Chairperson: <b><i>Valeriya Kotelnikova</i></b>
	Meeting ID: 859 2566 6183 Access code: 883621	Meeting ID: 870 1998 6880 Access code: 219555

14:00 - 14:15	<b><i>Anna Anop</i></b> On elliptic equations in $L_p$ -Sobolev spaces of generalized smoothness	<b><i>Hadjer Kebir</i></b> Nonparametric conditional hazard estimation with ergodic data: a recursive kernel approach
14:20 - 14:35	<b><i>Meriem Chabekh</i></b> Numerical stability result for damped Shear beam model	<b><i>Mohammed Ridha Kouider</i></b> Modified bisection algorithm in estimating the extreme value index
14:40 - 14:55	<b><i>Abdelkader Dahmani</i></b> Growth of solutions of complex linear differential-difference equations with finite logarithmic order meromorphic coefficients	<b><i>Soundes Mekki</i></b> Statistics and Artificial Intelligence (AI)
15:00 - 15:15	<b><i>Meriem Barkat</i></b> Averaging methods for piecewise differential systems formed by a linear focus or center and a cubic weak focus or center	<b><i>Hayat Ramdani</i></b> On queueing system with batch arrivals and disasters
15:20 - 15:35	<b><i>Nadjiba Abdi</i></b> A minimization problem of an integral functional in Hilbert space	
15:40 - 15:55	<b><i>Meryem Belattar</i></b> Limit cycles of an integrable class of quintic differential systems with a degenerate singular point	
16:00 - 16:15	<b><i>Souheyla Zelmat</i></b> Investigation of Commutative Properties of Discontinuous Galerkin and backward Euler Methods in PDE Constrained Optimal Control Problems	
16:20 - 16:35	<b><i>Siham Boukarabila</i></b> Elliptic Problem With Nonlinear Singularity	

16:40

## **Closing Ceremony**

Meeting ID: 859 2566 6183

Access code: 883621