

## Saturday, 5th of June

Kyiv Time UTC+3	Room A Meeting ID: 924 1077 2179 Access code: 293878	Room B Meeting ID: 822 9677 6788 Access code: 083289	Room C Meeting ID: 857 2418 2526 Access code: 306494
	<b>Algebra, Geometry and Topology</b> Chairperson: <b>Maryna Nesterenko</b>	<b>Differential Equations and Mathematical Physics</b> Chairperson: <b>Olena Vaneeva</b>	<b>Applied and Computational Mathematics</b> Chairperson: <b>Dmytro Sytnyk</b>
11:00 - 11:15	<i>Andriana Plakosh</i> Chernikov 2-groups with Kleinian top and totally reducible bottom	<i>Anton Kuz</i> Integral problem with respect to time for PDE with Bessel operators	<i>Aled Williams</i> Distances to and the sparsity of lattice points in knapsack polytopes
11:20 - 11:35	<i>Vasyl Chupordia</i> On abnormal fuzzy subgroups	<i>Viktoriia Kravets</i> On the properties of bounded solutions of difference equations with jumps of operator coefficients	<i>Vuk Vujović</i> Stochastic hepatitis C model with an isolation stage
11:40 - 11:55	<i>Dmytro Popovych</i> Chains of subalgebras in contracted Lie algebras	<i>Adel Lachouri</i> Nonlinear fractional Langevin integro-differential equations involving two fractional orders with boundary conditions	<i>Süleyman Cengizci</i> SUPG-stabilized finite element formulation of shallow-water equations
12:00 - 12:15	<i>Svitlana Doroshenko</i> On commensurators of groups in their Cayley graphs	<i>Melis Mendi</i> Lie Symmetry analysis of the coupled system of sine-Gordon equations	
12:20 - 12:35	<i>Mykola Heneralov,</i> A. L. Piven' Implicit difference equations over some residue class rings	<i>Anna Goncharuk</i> Non-homogeneous implicit linear differential equation over the ring of formal power series	
12:40 - 12:55	<i>Tatyana Velychko</i> On the structure of some non-periodic groups whose subgroups of infinite special rank are transitively normal	<i>Grzegorz Kuduk</i> Integral problem for system of linear partial differential equation	

13:00 - 13:15	<b><i>Yashchuk Viktoriia</i></b> On the endomorphisms of some Leibniz algebras	<b><i>Jamila Otarova</i></b> On solution the boundary value problem of the fourth-order equation with nonlocal conditions	
13.15 - 14.00	Lunch time		
		<b>Probability and Statistics</b>  Chairperson: <b><i>Bohdan Mazhar</i></b>	<b>Applied and Computational Mathematics</b> Chairperson: <b><i>Dmytro Sytnyk</i></b>
14:00 - 14:15		<b><i>Ievgen Karnaukh</i></b> On the distribution of the first passage time over state-dependent levels for a Markov modulated Kou process	<i>Max Dmytruk,</i> <b><i>Ruslana Matviychuk</i></b> An algorithm for contracting Latin cubes
14:20 - 14:35		<b><i>Khrystyna Mamalyha</i></b> Single layer potentials for pseudo-differential equations related to certain $\alpha$ -stable stochastic processes	<b><i>Julia Kalosha</i></b> Asymptotic Stability of a Flexible Beam Model with an Attached Mass
14:40 - 14:55		<b><i>Dušan Djordjević</i></b> Lp and almost sure convergence of an approximate method based on the Taylor expansion of the coefficients of Stochastic Differential Equations with Time-Dependent Delay	<b><i>Oleksandr Lahodzynskyi</i></b> Resonant three-dimensional steady-state resonant sloshing in square-base tank for arbitrary periodic nonparametric forcing
15:00 - 15:15		<b><i>Aleksandra Petrovic</i></b> Lq-convergence of the truncated Euler-Maruyama approximate solutions for a class of highly nonlinear neutral stochastic differential equations with time-dependent delay.	<b><i>Ihor Raynovskyy</i></b> Steady-state resonant sloshing in a circular base container for arbitrary periodic orbital motions with consideration of damping