

Thursday, June 30

Conference Hall, 2nd Floor

10:00–10:45 I. A. Taimanov, “Singularities of solutions to soliton equations represented by L, A, B -triples and the zero level discrete spectra of L -operators”

10:55–11:40 G. G. Lazareva, “Mathematical modeling of melt rotation under the influence of impulse loads”

Coffee break

12:00–12:45 A. I. Aptekarev, “Multiple orthogonal polynomials with respect to Hermite weights: application and asymptotics” (*online*)

12:55–13:40 S. Yu. Dobrokhotov, A. V. Tsvetkova, “Effective Plancherel–Rotach type asymptotics of 2-D Hermitian orthogonal polynomials. The semiclassical approach”

Lunch

15:10–15:55 Yu. A. Dubinskii, “On some nonlocal problems of field theory on the plane” (*online*)

16:05–16:35 D. I. Borisov, A. I. Mukhametrakhimova, “On operator estimates for elliptic operators in perforated domains”

16:45–17:15 L. M. Kozhevnikova, A. P. Kashnikova, “On solutions of nonlinear elliptic equations with L_1 -data in unbounded domains”

Coffee break

17:35–18:05 A. Poliakovsky, “Some remarks on a formula for Sobolev norms due to Brezis, Van Schaftingen, and Yung” (*online*)

18:15–18:35 K. N. Zhuikov, “On the index of differential-difference operators in an infinite cylinder”

18:45–19:05 A. V. Boltachev, A. Yu. Savin, “On index of elliptic boundary-value problems associated with isometric group actions”

Auditorium 527, 5th Floor

- 15:10–15:55 G. A. Bocharov, D. S. Grebennikov, R. S. Savinkov, “Mathematics for immunology”
- 16:05–16:25 V. E. Fedorov, N. V. Filin, “Cauchy problem for one class of equations with distributed fractional Gerasimov–Caputo derivative”
- 16:45–17:05 D. A. Neverova, “Mathematical modelling of immunodominance”

Coffee break

- 17:35–17:55 V. V. Zaitsev, “Estimate of the impact of uncontrollable factors on a (quasi)dynamic system”
- 18:15–18:35 I. N. Maslenikov, “Local dynamics of a second-order equation with a delay in the derivative”

Auditorium 528, 5th Floor

- 15:10–15:55 V. Z. Grines, “On the coexistence of hyperbolic basic sets of dynamical systems”
- 16:05–16:35 M. L. Blank, “Shadowing property re(al)visited” (*online*)

Coffee break

- 17:35–18:05 N. Yu. Saburova, “Estimates of total bandwidth for Schrödinger operators on periodic graphs”
- 18:15–18:35 M. N. Demchenko, “A characterization of the space of divergence-free vector fields from BMO based on the paradifferential operator calculus”
- 18:45–19:05 A. A. Kashchenko, “Nonlocal dynamics of a model of coupled oscillators with large parameter and delay”

Auditorium 629, 6th Floor

- 15:10–15:55 A. N. Karapetyants, “On certain new classes of integral operators in complex analysis”
- 16:05–16:35 S. I. Bezrodnykh, “Multiple hypergeometric functions and applications”
- 16:45–17:15 V. P. Leksin, “Classical hypergeometric functions and Jordan–Pochhammer systems”

Coffee break

- 17:35–18:05 D. V. Artamonov, “Antisymmetrized Gelfand–Kapranov–Zelevinskij systems”
- 18:15–18:35 K. V. Boyko, “Degenerate linear equation with several Gerasimov–Caputo fractional derivatives”
- 18:45–19:05 T. A. Zakharova, “Initial problem for a degenerate quasilinear equation with Gerasimov–Caputo derivatives”

Auditorium 630, 6th Floor

- 15:10–15:55 T. A. Suslina, “Homogenization of nonstationary Schrödinger-type equations”
- 16:05–16:35 A. Yu. Savin, K. N. Zhuikov, “Eta-invariants for G -operators”

Coffee break

- 17:35–18:05 A. E. Merzon, P. N. Zhevandrov, J. E. De La Paz Mendez, “Exact solution of the BVP for the Helmholtz equation in a nonconvex angle with periodic boundary data” (*online*)
- 18:15–18:35 M. A. Dorodnyi, “Homogenization of nonstationary periodic equations at the edge of a spectral gap”
- 18:45–19:05 N. R. Izvarina, A. Yu. Savin, “On elliptic complexes in relative elliptic theory”