# Monday, July 4

# Conference Hall, 2<sup>nd</sup> Floor

10:00-10:45	P. I. Plotnikov.	, "Geometric flows	and shape	optimization"
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10:55–11:40 A. I. Shafarevich, "Short-wave asymptotics for evolutionary equations with abruptly varying coefficients"

#### Coffee break

- 12:00–12:45 A. V. Mikhailov, "Quantisation of free associative dynamical systems" (online)
- 12:55–13:40 V. M. Buchstaber, "Integrable polynomial Hamiltonian KdV–Novikov hierarchies and their quantization"

#### Lunch

- 15:10–15:40 Lecture cancelled
- 15:50–16:20 B.D. Koshanov, A.P. Soldatov, "On the solvability of the generalized Neumann problem for a high-order elliptic equation in an infinite domain" (online)
- 16:30–16:50 K. A. Kalieva, B. B. Bazarbay, Zh. Dong, "On some important problems in the theory of parabolic equations" (online)
- 17:10–17:30 A. A. Alikhanov, "Nonlocal Steklov boundary-value problem of the first class for the heat equation"
- 18:30–19:00 Closing Ceremony

# Auditorium 527, 5<sup>th</sup> Floor

- 15:10–15:40 B.E. Kanguzhin, "Boundary inverse problems for singular perturbations of the Laplace operator"
- 15:50–16:20 V.B. Vasilyev, "On some questions in the theory of elliptic boundary-value problems"
- 16:30-16:50 Lecture cancelled
- 17:10–17:30 V. F. Vildanova, "Entropy solution for an equation with singular potential in hyperbolic space"
- 17:40–18:00 E. I. Mahmoud, "Analytical solution for fractional advection diffusion equation with variable coefficients and source term"
- 18:30–19:00 Closing Ceremony

### Auditorium 528, 5<sup>th</sup> Floor

- 15:10–15:40 V. A. Stukopin, "Asymptotics of eigenvalues of large Toeplitz matrices"
- 15:50–16:20 D. Seba, "On the nonlocal integral boundary value problem for fractional differential equations" (online)
- 16:30–16:50 Sh. Jabeen, M. Younis, "Fixed point results of Reich contraction in fuzzy metric spaces endowed with graph" (online)
- 17:10–17:30 A. V. Pavlov, "Reflection of functions, geometry in space and regularity of the transform of Laplace"
- 18:30–19:00 Closing Ceremony

# Auditorium 629, 6<sup>th</sup> Floor

- 15:10–15:40 E. V. Radkevich, O. A. Vasil'eva, P. Zakharchenko, "On unstable equilibrium states of the two-dimensional Broadwell system"
- 15:50–16:20 D.A. Zakora, "On the problem of normal oscillations of a mixture of two liquids" (online)
- 16:30–17:00 M.V. Demina, "The Darboux theory of integrability for polynomial Lienard differential systems"
- 18:30–19:00 Closing Ceremony

### Auditorium 630, 6<sup>th</sup> Floor

- 15:10–15:40 V. G. Zadorozhniy, "Stochastic model of combat operations"
- 15:50–16:20 S. M. Sitnik, A. A. Arian, M. K. Kudosi, A.-K. Khaitkham, "Transmutation operators: some modern results"
- 16:30–17:00 E. V. Chistyakova, V. F. Chistyakov, "On solvability of higher order differential algebraic equations with singular points" (online)
- 17:10–17:30 T. Lomonosov, "On algebraic approach in finding particular solutions of certain nonhomogeneous ODEs"
- 18:30–19:00 Closing Ceremony