

Thursday, August 18

Conference Hall, 9th Floor

- 10:00–10:45 W. Jäger, M. Neuss-Radu, “Transmission problems for reactive flow and transport-multiscale analysis of the interactions of solutes with a solid phase”
- 10:55–11:40 H.-O. Walther, “On the linearization problem for neutral equations with state-dependent delays”

Coffee break

- 12:00–12:45 N. Dencker, “The solvability of differential equations”
- 12:55–13:40 S. Yu. Dobrokhotov, “Quantum double well in magnetic field: tunnelling, libration, normal forms”

Lunch

- 18:40–22:30 **Banquet**

Auditorium 727, 7th Floor

International Workshop “Spatio-temporal dynamical systems”

- 14:40–14:50 E. Rühl, N. Kolanovska, “The Center of Excellence G-RISC”
- 15:00–15:30 E. Rühl, “Analysis and control of photon-induced processes”
- 15:40–16:10 A. L. Skubachevskii, “Classical solutions of boundary-value problems for the Vlasov equations in a half-space”
- 16:20–16:50 V. Reitmann, N. Yumaguzin, “Stability analysis for Maxwell’s equation with a thermal effect in one spatial dimension”
- 17:00–17:30 P. L. Gurevich, R. V. Shamin, S. Tikhomirov, “Reaction-diffusion equations with hysteretic free boundary”
- 17:40–18:00 S. Tikhomirov, P. L. Gurevich, “Periodic solutions of parabolic problems with discontinuous hysteresis”
- 18:10–18:30 Ph. Berndt, “A direct proof for the selfadjointness of the harmonic oscillator”

Auditorium 530, 5th Floor

- 14:45–15:30 **A. P. Soldatov**, “To plane anisotropic elasticity”
- 15:40–16:00 **M. I. Kamenskii, B. A. Mikhaylenko**, “Periodic solutions bifurcation from the cycle with multidimensional degeneracy for a neutral type equation with a small delay”
- 16:20–16:50 **A. V. Razgulin, T. E. Romanenko**, “An approach to the description of rotating waves in parabolic functional differential equations with rotation of spatial arguments and time delay”
- 17:00–17:30 **A. B. Muravnik**, “On regular solutions of the Cauchy problem for abstract parabolic equations”
- 17:40–18:00 **O. V. Solonukha**, “On the solvability of the homogeneous Dirichlet problem with the p -Laplacian perturbed by a difference operator”
- 18:10–18:30 **V. A. Popov**, “Smoothness of generalized solutions of elliptic functional differential equations with degeneration”

Auditorium 430, 4th Floor

- 14:45–15:30 **A. A. Davydov, A. S. Platov**, “Optimization of steady state of forest management model”
- 15:40–16:10 **V. G. Zvyagin**, “Trajectory and global attractors for equations of non-Newtonian hydrodynamics”
- 16:20–16:50 **A. N. Bogolyubov, Yu. V. Mukhtarova, G. Tszesin**, “Investigation of weak solutions for a problem of excitation of electromagnetic oscillations in domains with chiral infill”
- 17:00–17:30 **N. V. Chemetov, W. Neves**, “Solvability of a generalized Buckley–Leverett model”
- 17:40–18:00 **N. A. Gusev**, “Asymptotic properties of solutions of linearized equations of low compressible fluid motion”
- 18:10–18:30 **A. V. Zvyagin**, “Optimal feedback control in a stationary mathematical model for the motion of polymers”