

# Wednesday, June 29

9:00–11:00 **Registration**

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

### Coffee break

11:00–11:30 **Opening ceremony**

11:30–12:15 S. P. Novikov, “Nonlinear waves and solitons”

12:25–13:10 D. V. Treschev, “Linearization by means of function parameter”

13:20–14:05 L. Véron, “Boundary singular problems for mixed quasilinear equations” (*online*)

### Lunch

15:20–16:05 R. Yang, “Maxwell’s equations and Yang–Mills equations in complex variables” (*online*)

16:15–16:45 V. V. Vedenyapin, N. N. Fimin, V. M. Chechetkin, “Derivation of the equations of electrodynamics and gravitation from the Hilbert–Einstein–Pauli principle of least action”

16:55–17:25 N. V. Chemetov, A. Mazzucato, “Motion of rigid bodies in a viscous fluid with collisions and slippage” (*online*)

17:35–18:05 Kh. G. Umarov, “Blow-up and global solvability of the Cauchy problem for the equation of nonlinear long longitudinal waves in a viscoelastic rod”

18:15–18:45 E. M. Rudoy, “Justification of models of plates containing hard thin inclusions inside”

19:00–21:30 **Reception**

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

- 16:15–16:45 S.E. Pastukhova, “Improved resolvent approximations in homogenization of higher order elliptic operators”
- 16:55–17:25 A.A. Arkhipova, “Local regularity of weak solutions to a class of strongly nonlinear parabolic systems”
- 17:35–18:05 M.B. Zvereva, M.I. Kamenskii, “On mathematical models with nonlinear boundary condition”
- 18:15–18:35 A.D. Godova, V.E. Fedorov, “Integro-differential equations with bounded operators in Banach spaces and their applications” (*online*)
- 19:00–21:30 **Reception**

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

- 16:15–16:45 P.B. Dubovski, M. Tamarov, “Asymptotics for Volterra equations with advanced variable” (*online*)
- 16:55–17:25 E.P. Kubyskin, “Bifurcation analysis of periodic solutions to a nonlinear functional differential equation with a small parameter at the derivative”
- 17:35–18:05 I.S. Kashchenko, “Bifurcations in second-order differential equations with delay”
- 19:00–21:30 **Reception**

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

- 16:15–16:45 V. E. Fedorov, “On generation of resolving family of operators for distributed order differential equations”
- 16:55–17:25 Ya. A. Butko, “Subordination principle and Feynman–Kac formulae for generalized time-fractional evolution equations” (*online*)
- 17:35–17:55 V. L. Litvinov, K. V. Litvinova, “Resonant vibration amplitude of a beam of variable length”
- 19:00–21:30 **Reception**

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

- 16:15–16:45 S. Piskarev, “Fractional differential equations and their approximations”
- 16:55–17:25 M. T. Kosmakova, M. I. Ramazanov, “On an integral equation for fractionally loaded boundary-value problem of heat conduction”
- 17:35–18:05 V. G. Kurbatov, V. I. Kurbatova, “Estimates of Green’s function of the bounded solutions problem”
- 18:15–18:35 M. V. Plekhanova, E. M. Izhberdeeva, “Solvability of a linear degenerate equation with the Dzhrbashyan–Nersesyan derivative”
- 19:00–21:30 **Reception**