# Saturday    08.06.2019

## Section: Differential Equations and Mathematical Physics

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| | **305 room** |
| | Chairperson: **Viktoriya Grushkovska** |
| 10.00 – 10.15 | ***Turchyna N.*** On the correct solvability in Hölder spaces of growing functions of model boundary-value problems with and without initial conditions for an Eidelman parabolic system |
| 10.20 – 10.35 | ***Heseleva K.*** The collocation-iterative method of solving a nonlinear integral equation with additional conditions |
| 10.40 – 10.55 | ***Repetylo S., Symotiuk M.*** Dirichlet-Neumann type problem for partial differential equation with delay argument |
| 11.00 – 11.15 | ***Ilkiv V., Symotiuk M., Skovronska I.*** Metric estimates for the determinant of the problem for periodic oscillations of a three strings bunch |
| 11.20 – 11.35 | ***Raynovskyy I.*** Resonant three-dimensional sloshing in a cylindrical tank with damping. Steady-state solutions |
| 11.40 – 11.55 | ***Lahodzinskyi O.*** Sloshing in an orbitally-forced square-base tank |

## Section: Probability and Statistics

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| | **401 room** |
| | Chairperson: **Kateryna Glinyanaya** |
| 10.00 – 10.15 | ***Fomichov V. V.*** Concentration of measure in stochastic flows |
| 10.20 – 10.35 | ***Aiubova N.*** Boundary theorems for one statistics of the Fractional Brownian process in the model of real observations |
| 10.40 – 10.55 | ***Dychko H.,*** *Maiboroda R.* Nonparametric regression estimation for mixtures with varying concentrations |
| 11.00 – 11.15 | ***Miroshnychenko V.O.,*** *Maiboroda R.E.* Asymptotics of generalized least squares estimates for mixture of nonlinear regressions |
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| 305 room | *Closing Ceremony* |
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