

## **Tuesday, 30 Oct.**

09.30 – 10.00 Registration (the room 455)

10.00 – 10.10 Opening

10.10 – 10.50 **Gennady El** (Loughborough, UK), Kinetic equation for a soliton gas – a new integrable system?

10.50 – 11.10 Coffee-break

11.10 – 11.50 **Oleg Kaptsov** (Krasnoyarsk), Non-invariant solutions of the three-dimensional semi-empirical model of the far turbulent wake.

11.50 – 12.20 **Alexander Aksenov** (MSU), Reductions of stationary boundary layer equation.

12.20 – 14.00 Lunch

14.00 – 14.40 **Elena Bunkova** (Steklov Math. Institute, MSU, Moscow), Introducing a new notion of algebraic integrability.

14.40 – 15.30 **Oleg Mokhov** (MSU), On Hamiltonian geometry of the associativity equations.

15.30 – 15.50 Coffee-break

15.50 – 16.30 **Viktor Vedenyapin** (Keldysh IPM, Moscow), Vlasov and Liouville equations, hydrodynamic substitution.

**Wednesday, 31 Oct.**

10.00 – 10.50 **Yuri Brezhnev** (Tomsk), How to parameterize algebraic dependencies?

10.50 – 11.10 Coffee-break

11.10 – 11.50 **Georgi Grahovski** (Leeds, UK), On  $N$ -wave equations and their gauge equivalent.

11.50 – 12.20 **Ziemowit Popowicz** (Wroclaw, Poland), Connections of the coupled two-component Harry Dym system with the coupled two-component KdV equation.

12.20 – 14.00 Lunch

14.00 – 14.40 **Andrey Mironov** (Novosibirsk), Self-adjoint commuting ordinary differential operators of rank two.

14.40 – 15.20 **Vladimir Sokolov** (Landau ITP, Moscow), Integrable nonhomogenous hydrodynamic type systems.

15.20 – 15.40 Coffee-break

15.40 – 16.10 **Paulius Miskinis** (Vilnius, Lithuania), Weakly nonlocal supersymmetric KdV hierarchy.

**Thursday, 1 Nov.**

10.00 – 10.50 **Iskander Taimanov** (Novosibirsk), Faddeev eigenfunctions for two-dimensional Schrodinger operators via the Moutard transformation.

10.50 – 11.10 Coffee-break

11.10 – 11.50 **Mikhail Babich** (St. Petersburg), Canonical parameterization of coadjoint orbits of  $GL(N, \mathbb{C})$  with complicated Jordan structure and isomonodromic deformation equations.

11.50 – 12.20 **Maria Elaeva** (MSU, Financial Academy, Moscow), Asymptotic and numerical methods in study of the generalized Burgers equation.

12.20 – 14.00 Lunch

14.00 – 14.40 **Alexander Mikhailov** (Leeds, UK; Ufa), Darboux transformations and symmetries of partial difference equations.

14.40 – 15.30 **Olga Kravchenko** (Lyon, France), Knots and clusters.

15.30 – 15.50 Coffee-break

15.50 – 16.20 **Oleg Morozov** (Tromso, Norway), Lie Pseudo-Groups and Zero-Curvature Respresentations of Differential Equations.

## **Friday, 2 Nov.**

10.00 – 10.40 **Vladimir Salnikov** (Rouen, France), Gauged sigma models and graded geometry.

10.40 – 11.00 Coffee-break

11.00 – 11.40 **Zoran Rakic** (Beograd, Serbia), On Osserman condition in pseudo-Riemannian geometry.

11.40 – 12.20 **Dmitry Novikov** (Omsk), Theta-function solutions of the Belavin-Polyakov-Zamolodchikov equation and Hamilton-Jacobi equation.

12.20 – 14.00 Lunch

14.00 – 14.40 **Rinat Kashaev** (Geneva, Switzerland), Faddeev's quantum dilogarithm and 3-manifold invariants.

14.40 – 15.20 **Alexei Penskoï** (Moscow), Extremal metrics for Laplace eigenvalues on tori.

15.20 – 15.40 Coffee-break

15.40 – 16.10 **Michal Marvan** (Opava, Czech Republic), Minimal sets of compatibility conditions of orthonomic systems.

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