

International Conference of Mathematical Physics

Kezenoi-Am 2016

Programme

Monday, October 31

08:00 – 09:00	Breakfast
09:30 – 10:30	Registration
10:40 – 10:55	Welcoming address
11:00 – 11:50	Victor Buchstaber: <i>Правильные раскраски карт и комбинаторика наноструктур</i>
12:10 – 13:00	Dmitry Millionschikov: <i>От дифференцированных функций к алгебрам Ли и комбинаторике</i>
13:00 – 15:00	<i>Lunch Break</i>
15:00	Bus departure to the lake (Kezenoi-Am)
19:30	<i>Dinner</i>

Tuesday, November 1

08:00 – 09:00	<i>Breakfast</i> <i>Chair: Kutuev (morning session) – Shamaev (afternoon session)</i>
09:00 – 09:50	Taras Panov, <i>Toric topology and geometry</i>
10:00 – 10:50	Alexander Mikhailov: <i>Symmetric squares of hyperelliptic curves, associated vector fields and automorphic Lie algebras</i> <i>Coffee break</i>
11:10 – 12:00	Georgy Sharygin, <i>Deformation quantization and vector fields</i>
12:10 – 13:00	Vladimir Sokolov, <i>Polynomial forms for quantum Calogero-Moser Hamiltonians and commutative sub-algebras in universal enveloping algebras</i>
13:00 – 14:30	<i>Lunch break</i>
14:30 – 15:20	Andrey Tsiganov, <i>Bäcklund transformations and Abel equations</i>
15:30 – 16:20	Andrey Mironov, <i>Integrable magnetic geodesic flows on 2-torus: new example via quasi-linear system of PDEs</i> <i>Coffee break</i>
16:40 – 17:30	Dmitry Gurevich, <i>Quantum groups and related algebras: new applications</i>
17:40 – 18:30	Andrey Shafarevich, <i>Differential operators, geodesics and dynamics of localized quantum states on singular spaces</i>
19:30	<i>Dinner</i>

Wednesday, November 2

08:00 – 09:00 *Breakfast*

Chair: Shamaev (morning session) – Mironov (afternoon session)

09:00 – 09:50 Stefan Wabnitz, *Nonlinear dynamics of spatiotemporal optical waves*

10:00 – 10:50 Dmitry Millionschikov, *Explicit formula for Virasoro singular vector*

Coffee break

11:10 – 12:00 Oleg Mokhov, *Geometry of compatible and almost compatible metrics and integrable systems*

12:10 – 13:00 Leonid V. Bogdanov, *SDYM equations on the self-dual background. Dressing scheme and the hierarchy.*

13:00 – 14:30 *Lunch break*

14:30 – 15:20 Andrey Fursikov, *Parabolic equation of normal type connected with 3D Helmholtz system*

15:30 – 16:20 Victor Novokshenov, *Autoresonance in a model of terahertz wave generator*

Coffee break

16:40 – 17:30 Paolo Santini, *Integrable dispersionless PDEs: inverse spectral transform and Cauchy problem; longtime behavior of solutions and wave breaking*

17:40 – 18:30 Vladimir Rubtsov, *Polynomial and Elliptic Algebras, Heisenberg group and Cremona transformations*

19:00 *Conference Dinner*

Thursday, November 3

08:00 – 09:00 *Breakfast*

09:30 *Departure (for those who are leaving on November 3, there is a bus going straight to the airport earlier)*