

International Conference of Mathematical Physics

Kezenoi-Am 2017

Schedule

Wednesday, August 9

08:00 – 09:00	<i>Breakfast</i>
09:00 – 10:00	Registration
10:00 – 10:15	Welcoming address
10:20 – 11:20	Francesco Calogero: <i>History and impact of the Pugwash movement</i>
11:25 – 12:15	Victor Buchstaber: <i>Combinatorics of fullerenes and geometry of Lobachevsky space</i>
12:20 – 13:10	Alexander Borisov: <i>TBA</i>
13:20 – 15:20	Bus departure to the lake (Kezenoi-Am)
15:20 – 15:30	Conference photo
15:30	Bus departure to the lake (Kezenoi-Am)
19:30	<i>Dinner</i>

Thursday, August 10

08:00 – 09:30	Breakfast <i>Chair: Konstantinou-Rizos (morning session) – Grinev (afternoon session)</i>
09:30 – 10:00	Francesco Calogero: <i>Zeros of polynomials and solvable nonlinear evolution equations</i>
10:05 – 10:35	Alexander Veselov: <i>Lyapunov spectrum of Markov and Euclid trees</i>
10:40 – 11:10	Victor Buchstaber & Alexander Mikhailov: <i>The space of symmetric squares of hyperelliptic curves: infinite-dimensional Lie algebras and polynomial integrable dynamical systems on \mathbb{C}^4</i>
11:10 – 11:30	Coffee break
11:30 – 12:00	Vladimir Rubtsov: <i>Decorated character varieties and monodromy data surfaces associated with Painlevé confluent equations</i>
12:05 – 12:35	Anatoly Meshkov & Vladimir Sokolov: <i>Vector Integrable Equations</i>
12:40 – 13:10	Alexander Borisov & Philip Rybakov: <i>The three-dimensional structure in magnets</i>
13:20 – 15:00	Lunch break
15:00 – 15:30	Andrey Tsiganov: <i>Public-key cryptography and integrable systems</i>
15:35 – 16:05	Sergei Sokolov: <i>The Integrable Case of Adler – van Moerbeke. Spectral Curve, Discriminant Set and Bifurcation Diagram</i>

- 16:10 – 16:40 Dmitry Millionshchikov: *Naturally graded Lie algebras of slow growth*
- 16:40 – 17:00 **Coffee break**
- 17:05 – 17:35 Georgy Sharygin: *The combinatoric formulas for the characteristic classes of triangulated bundles*
- 17:40 – 18:10 Boris Bychkov: *Quazipolynomiality of Bousquet-Melou–Schaeffer numbers*
- 19:00 **Dinner**

Friday, August 11

- 08:00 – 09:30 **Breakfast**
- Chair: S. Sokolov (morning session) – Millionshchikov (afternoon session)*
- 09:30 – 10:00 Dmitry Gurevich: *Cayley-Hamilton Identity and Drinfeld-Sokolov reduction in quantum algebras*
- 10:05 – 10:35 Anatoly Kusraev: *Boolean valued analysis: origins and applications*
- 10:40 – 11:10 Dmitry Talalaev: *3-d integrable statistical models and invariants in low dimensional topology*
- 11:30 – 12:00 Magomed Sirazhudinov: *An asymptotic method for homogenization for a generalized system of Beltrami operators*
- 12:05 – 12:35 Fatimat Kudayeva: *The problem with free boundaries in problems cryodestruction of biological tissue*
- 12:40 – 13:10 Sultan Askhabov: *Positivity criteria of convolution integral and integro-differential operators and their applications*
- 13:20 – 15:00 **Lunch break**
- 15:00 – 18:00 Excursion/sightseeing: the “old city” and lake “Kezenoi-Am”.
- 19:00 **Conference Dinner**

Saturday, August 12

- 08:00 – 09:00 **Breakfast**
- 09:30 *Departure (for those who are leaving on August 12, there is a bus going straight to the airport)*