International conference “Nonlinear waves and Frobenius structures in geometry and physics” dedicated to the memory of Boris Dubrovin

Schedule

Wednesday, November 17

All times are indicated using the GMT+3 Moscow timezone (+11 hours from PST, +8 hours from EST). All the talks in-person will be held at Steklov Mathematical Institute, room 104, and streamed to Zoom. All online talks will be shown in room 104 as well.

11:00–11:20	**Opening**		
11:20–12:00	104	**Sergei Novikov** Steklov Mathematical Institute, Moscow	Наша совместная работа с Борисом Дубровиным (talk in Russian)
12:00–12:30	**Coffee**		
12:30–13:10	Zoom	**Alexandr Buryak** Higher School of Economics, Moscow	The Dubrovin-Zhang systems and relations in the cohomology of the moduli spaces of curves
13:20–14:00	Zoom	**Tamara Grava** SISSA, Italy	Gibbs ensemble for Integrable Systems, a case study: the discrete nonlinear Schrödinger equation
14:00–16:00	**Lunch**		
16:00–16:40	104	**Dmitry Orlov** Steklov Mathematical Institute, Moscow	Exceptional collections, mirror symmetry, and Dubrovin’s conjecture
16:50–17:30	Zoom	**Vasily Golyshev** IITP RAS, Moscow	From Dubrovin’s conjectures to motivic gamma functions
17:30–18:00	**Coffee**		
18:00–18:40	Zoom	**Alexander Varchenko** University of North Carolina at Chapel Hill, USA	Frobenius-like structures of arrangements of hyperplanes
19:00-19:40	Zoom	**Alexander Givental** University of California, Berkeley, USA	On K-theory of Deligne-Mumford spaces

International conference “Nonlinear waves and Frobenius structures in geometry and physics” dedicated to the memory of Boris Dubrovin

Schedule

Thursday, November 18

All times are indicated using the GMT+3 Moscow timezone (+11 hours from PST, +8 hours from EST). All the talks in-person will be held at Steklov Mathematical Institute, room 104, and streamed to Zoom. All online talks will be shown in room 104 as well.

11:00–11:40	Zoom	**Maxim Smirnov** University of Augsburg, Germany	Quantum cohomology of coadjoint varieties
11:40–12:10	**Coffee**		
12:10–12:50	104	**Alexander Kuznetsov** Steklov Mathematical Institute, Moscow	Quantum cohomology and derived categories
13:00–13:40	104	**Alexey Basalaev** Higher School of Economics, Moscow	Integrable systems associated to infinite series of Dubrovin-Frobenius manifolds
13:40–15:30	**Lunch**		
15:30–16:10	Zoom	**Andrey Mironov** Sobolev Institute of Mathematics, Novosibirsk	Discretization of Baker-Akhiezer modules and commuting difference operators in several discrete variables
16:20–17:00	Zoom	**Evgeny Ferapontov** Loughborough University, UK	Second-order PDEs in 3D with Einstein-Weyl conformal structure
17:00–17:30	**Coffee**		
17:30–18:10	Zoom	**Vladimir Dragović** University of Texas at Dallas, USA	Chebyshev dynamics, isoharmonic deformations, and constrained Schlesinger systems

International conference “Nonlinear waves and Frobenius structures in geometry and physics” dedicated to the memory of Boris Dubrovin

Schedule

Friday, November 19

All times are indicated using the GMT+3 Moscow timezone (+11 hours from PST, +8 hours from EST). All the talks in-person will be held at Steklov Mathematical Institute, room 104, and streamed to Zoom. All online talks will be shown in room 104 as well.

11:00–11:40	104	**Sergei Lando** HSE & Skoltech, Moscow	Real Hurwitz numbers
11:40–12:10	**Coffee**		
12:10–12:50	104	**Maxim Kazarian** HSE & Skoltech, Moscow	Topological recursion for generalized Hurwitz numbers
13:00–13:40	104	**Mikhail Feigin** University of Glasgow, UK	Trigonometric solutions of WDVV and related equations
13:40–15:30	**Lunch**		
15:30–16:10	104	**Oleg Mokhov** Moscow State University, Moscow	Curved WDVV equations and the theory of submanifolds in pseudo-Euclidean spaces
16:20–17:00	104	**Maxim Pavlov** Lebedev Physical Institute, Moscow	New Hamiltonian formalism for semi-hamiltonian systems of hydrodynamic type
17:00–17:30	**Coffee**		
17:30–18:10	Zoom	**Marco Bertola** Univerity Concordia, Canada	KP τ-functions and biorthogonality on a Riemann surface
18:30–19:10	Zoom	**Iskander Taimanov** Sobolev Institute of Mathematics, Novosibirsk	Creation of singularities of 2D soliton equations represented by L, A, B –triples