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ЛЕТНЯЯ ЕВРОПЕЙСКАЯ МАТЕМАТИЧЕСКАЯ ШКОЛА – КОНФЕРЕНЦИЯ НАТО (EMS SUMMER SCHOOL – NATO ASI) "АСИМПТОТИЧЕСКАЯ КОМБИНАТОРИКА С ПРИЛОЖЕНИЯМИ К МАТЕМАТИЧЕСКОЙ ФИЗИКЕ" САНКТ-ПЕТЕРБУРГ, 9–22 ИЮЛЯ 2001

Курсы лекций:

- Borodin A. Asymptotic representation theory and Riemann–Hilbert problem
- Brezin E. An introduction to matrix models
- Deift P. Random matrix theory and combinatorics: a Riemann–Hilbert approach
- Kazakov V. Matrix quantum mechanics and statistical physics on planar graphs
- Okounkov A. Combinatorics and moduli spaces of curves
- Olshansky G. Harmonic analysis on big groups, and determinantal point processes
- Pastur L. Eigenvalue distribution of unitary invariant ensembles of random matrices of large order
- Vershik A. Introduction to asymptotic theory of representations

Доклады:

- Biane P. Asymptotics of representations of symmetric groups, random matrices, and free cumulants
- Bozejko M. Positive definite functions on Coxeter groups and second quantization of Yang–Baxter type
- Bozejko M. White noise associated to the characters of the infinite symmetric group — the Hopf–Kerov deformation
- Dubrovskiy S. Moduli space of symmetric connections
- Faddeev L. 3-dimensional solitons and knots
- Hora A. An algebraic and combinatorial approach to central limit theorems related to discrete Laplacians
- Jacobsen J. L. Enumerating coloured tangles

- Kenyon R. Hyperbolic geometry and the low-temperature expansion of the Wulff shape in the $3D$ Ising model
- Korepin V. Quantum spin chains and Riemann Zeta function with odd arguments
- Korotkin D. Riemann–Hilbert problems related to branched coverings of GP^1, τ-function, and Liouville action
- Krichever I. τ-functions of conformal maps
- Kuznetsov V. On explicit formulae for special Macdonald polynomials
- Liskovets V. Some asymptotic distribution patterns for planar maps
- Litvinov G. Representation theory in idempotent (asymptotic) mathematics
- Malyshev V. Combinatorics and probability for maps on two dimensional surfaces
- Missarov M. Exactly solvable renormalization group model
- Mlotkowski W. Λ-free probability
- Nazarov M. On the Frobenius rank of a skew Young diagram
- Novikov S. On the weakly nonlocal Poisson and symplectic structures
- Petrogradskij V. Asymptotical theory of infinite dimensional Lie algebras
- Pevzner M. On tensor products and Beresin kernels
- Smirnov S. Critical percolation is conformally invariant
- Sniady P. Random matrices and free probability
- Speicher R. Free probability and random matrices
- Spiridonov V. Special functions of hypergeometric type associated with elliptic beta integrals
- Stukopin V. Representations of Yangians of Lie superalgebras $A(m,n)$ type
- Yambartsev A. Two-dimensional Lorentzian models