

**INFORMATION ABOUT THE GENERAL SEMINAR  
OF THE DEPARTMENT OF PROBABILITY THEORY  
(FACULTY OF MECHANICS AND MATHEMATICS,  
MOSCOW STATE UNIVERSITY)**

This Seminar is a continuation of the research Seminar of the Department of Probability Theory that was held under the direction of A.N. Kolmogorov and later of B.V. Gnedenko.

Currently, the head of the Seminar is Professor A.N. Shiryaev, Corresponding Member of the Russian Academy of Sciences.

The meetings of the Seminar are conducted on Wednesday at 16:20 in auditorium 16–24 of the Main Building of the Moscow State University. The current information about the Seminar is available at the Department of Probability Theory (phone: 939-14-03).

Since May 2000, the Ph.D. students of the Department of Probability Theory should present their theses at the Seminar.

The information about the forthcoming talks is being sent by E-mail. A request for obtaining this information regularly can be forwarded to the Secretary of the Seminar (e-mail: [urusov@mech.math.msu.su](mailto:urusov@mech.math.msu.su)).

Below is a complete list of the talks given during the spring semester, 2002.

February 13 — **A.I. Petrov** (Moscow). The presentation of the Ph.D. thesis: *Context free evolution of random grammars*. Scientific advisor: Professor V.A. Malyshev.

February 20 — **A.A. Dorogovtsev** (Kiev). *Stochastic equations driven by the random measures and evolutionary Markov processes*.

February 27 — **A.A. Gushchin** (Moscow). *On Fano's lemma and similar inequalities for the minimax risk*.

March 6 — **S.V. Dilman** (Moscow, MSU, 4 year student). *Universal scalings in the law of iterated logarithm*. (A brief talk — 15 minutes.)

**B.M. Gurevich** (Moscow). *Dimension of the set of generic realizations of a homogeneous random field and multifractal analysis of ergodic averages*.

March 13 — **V.N. Solovjev** (Moscow). *What is Econometrics?*

March 20 — **V.V. Senatov** (Moscow). *On the accuracy of asymptotic expansions in the central limit theorem for lattice distributions*.

March 27 — **V.I. Oseledets** (Moscow). *Multiplicative ergodic theorem. New and old results*.

April 3 — **R.A. Minlos** (Moscow). *Markov approach in quantum physics: Models of quantum fields*.

April 10 — **R.A. Minlos** (Moscow). *Markov approach in quantum physics: Lattice quantum models*.

April 17 — **D.D. Sokoloff** (Moscow). *Fast dynamo in a random flow*.

April 24 — **D.D. Sokoloff** (Moscow). *Small-scale dynamo and generation of the second moment of magnetic field*.

May 22 — **A.B. Katok** (USA). *Entropy and Rigidity*.

Coordinator of the seminar in the spring semester, 2002  
Professor L.G. Afanasjeva.  
Secretary of the Seminar in the spring semester, 2002  
M.A. Urusov.