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## PUBLISHING DEPARTMENT

In 2007, the Publishing Department published JINR communications and preprints of 194 titles. Issued were 36 official publications.

A total of 36 books of abstracts, proceedings of various conferences, schools and workshops organized by JINR were issued.

Among them are the proceedings of the XIV International Seminar on Interaction of Neutrons with Nuclei (ISINN-14), the proceedings of the 2nd international conference «Distributed Computing and Grid-Technologies in Science and Education», the proceedings of international school-seminar «Actual Problems of Microworld Physics» in two volumes, the proceedings of the VI International workshop «Very High Multiplicity Physics», the proceedings of the 2nd international conference «Modern Problems of Genetics, Radiobiology, Radioecology and Evolution» in two volumes, the proceedings of the III International Symposium under the auspices of UNESCO «Problems of Biochemistry, Radiation and Space Biology» dedicated to the centenary of Academician N. M. Sissakian's birth. The annual reports of JINR for 2006 (in Russian and in English) were also published.

In 2007, a monograph «New Optical Microscopes» by L. M. Soroko was published. The monograph is devoted to the new optical microscopes which were developed with a participation of the author in the Joint Institute for Nuclear Research for nuclear photoemulsion technique. In the book by V. N. Samoylov «A Unified Systematic Approach to the Analysis of Economic, Technological and Juridical Processes» the problem of formation of a unified information structure of dissimilar economic, technological and juridical processes is examined, theoretical and practical material related to system organization and optimization at decision-making is presented.

The book «Dmitri A. Korneev» contains reminiscences about the scientist — a staff member of condensed matter physics department of the Frank Laboratory of Neutron Physics, JINR, D. A. Korneev (1946–2002), — written by his colleagues, friends, relatives. The book «Academician Vladimir G. Kadyshevsky» was published. It is devoted to the 70th birthday of an outstanding Russian physicist-theorist and science organizer, member of the Presidium of the Russian Academy of Sciences, Scientific Leader of the Joint Institute for Nuclear Research, Academician Vladimir

G. Kadyshevsky. The appearance of the book «Victor L. Aksenov» is arranged to the 60th anniversary of the birthday of the well-known scientist, recognized leader of scientific school of neutron diffraction analysis of condensed matter, Victor L. Aksenov.

In 2007, six issues of the journal «Physics of Elementary Particles and Atomic Nucleus» with 31 reviews were printed. Also published were six issues of the journal «Particles and Nuclei, Letters» with 87 articles, describing ingenious scientific, technological, methodical and applied results. The second issue of the journal contains the proceedings of the 3rd international workshop «Quantum Physics and Communication». Publication of the bulletin «JINR News» in the Russian and English languages as well as printing of the JINR weekly newspaper «Dubna: Science. Cooperation. Progress» was continued.

In the series of study methodical guides of JINR University Centre the book «The Basic Course of Quantum Mechanics and Atomic Physics» by I. N. Meshkov and A. O. Sidorin was published.

The Publishing Department sent more than 200 articles and reports by JINR scientists to journals and various conferences, symposia, workshops, schools, held both in the JINR Member States and in other countries. Papers by JINR staff members were published in the «Instruments and Experimental Techniques», «Yadernaya Fizika», «Physics of Elementary Particles and Atomic Nucleus», «Theoretical and Mathematical Physics», «Physical Review», «Journal of Physics», «Physics Letters», «Nuclear Physics», «Nuclear Instruments and Methods», etc.

Publications of the Joint Institute for Nuclear Research were sent to 44 countries of the world.

The keep readers of the Science and Technology Library informed about new publications received, there are bulletins of the Library and of Intellectual Property, Licensing and Standardization office printed by the Publishing Department. «Bibliographic Index of Papers Published by JINR Staff Members in 2006» was also issued.

The Publishing Department was also engaged in Xerox copying and book binding to fulfill numerous orders of JINR Laboratories. Over 120 000 various forms were printed for processing of experimental information and for other purposes.