
PUBLISHING DEPARTMENT

In 2004 the Publishing Department published JINR communications and preprints of 220 titles. Issued were 51 official publications.

A total of 37 proceedings of various conferences, schools and workshops organized by JINR were issued.

Among them are proceedings of the XIX International Symposium on Nuclear Electronics and Computing (NEC-2003), proceedings of the Fourth International Workshop on Very High Multiplicity Physics, proceedings of the XVI international Baldin seminar on high energy physics problems «Relativistic Nuclear Physics and Quantum Chromodynamics» (in two volumes), proceedings of the Germany–JINR user meeting «Condensed Matter Physics with Neutrons at the IBR-2 Pulsed Reactor», proceedings of the XII International Seminar on Interactions of Neutrons with Nuclei (ISINN-12), a book of abstracts of the International Symposium on Exotic Nuclei (EXON-2004), proceedings of the international school-seminar «Actual Problems of Microworld Physics» (in two volumes). Also published were the annual reports of JINR for 2003 (in Russian and in English), the scientific report of the Flerov Laboratory of Nuclear Reactions for 2003, the annual report of the Laboratory of Information Technologies for 2003.

The collection «Nikolai Nikolaevich Bogolyubov», dedicated to the 95th anniversary of the birth of the outstanding scientist, includes papers published earlier in other editions, a bibliographic reference list of works by N. Bogolyubov and the main dates of his life.

The book «On the Historical Origins of the "Relativity Theory"» by A. A. Tyapkin, one of the last works by the noted scientist, gives a comparison of the works by Lorentz, Poincare and Einstein that culminated in the relativity theory.

A. Sissakian's «Selected Lectures on Particle Physics» include the lectures by A. Sissakian presented over a period from 1975 to 2003 for different audience, as well as essays about the well-known physicists.

In 2004, seven issues of the journal «Physics of Elementary Particles and Atomic Nucleus» with 60 articles were printed. The seventh issue of the journal included the selected talks presented at the conference «Spin Physics at High Energies and Quantum Chromodynamics» (Spin-03) and papers dedicated to the 70th birthday of A. Efremov, chairman of the conference or-

ganizing committee. Also published were six issues of the journal «Particles and Nuclei, Letters» with 60 articles, describing original scientific, technological, methodical and applied results. The third issue of the journal contains the proceedings of the V Scientific Seminar in Memory of V. Sarantsev, the sixth issue includes articles devoted to the 50th anniversary of JINR's Veksler and Baldin Laboratory of High Energies. Publication of the bulletin «JINR News» in the Russian and English languages was continued.

Five textbooks of the JINR University Centre were published. Among them are: D. Kazakov «Supersymmetric Extension of the Standard Model of Fundamental Interactions», V. Papoyan «Introduction to Vector and Tensor Analysis».

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 «Journal of Experimental and Theoretical Physics», «Instruments and Experimental Techniques», «Yadernaya Fizika», «Physics of Elementary Particles and Atomic Nucleus», «Physical Review», «Journal of Physics», «Physics Letters», «Nuclear Physics», «Nuclear Instruments and Methods», «European Physical Journal», etc.

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

To keep readers of the Science and Technology Library up to date as to new publications received, there are bulletins of the Library and of the Intellectual Property, Licensing and Standardization Office printed by the Publishing Department. Traditionally, the «Bibliographic Index of Papers Published by JINR Staff Members in 2003» was issued.

The Publishing Department was also engaged in Xerox copying and book binding to fulfil numerous orders of JINR Laboratories. Over 200 000 various forms were printed for processing of experimental information and for other purposes.

In 2004, in the Publishing Department, work was complete on the creation of archives of the online versions for the journal «Particles and Nuclei» over a period from 1970 to 2004 and for the journal «Particles and Nuclei, Letters» over a period from 1984 to 2004. These are available at: www.jinr.ru/publish