

## PUBLISHING DEPARTMENT

In 2010, the Publishing Department issued 153 titles of publications and 43 titles of official documents.

A total of 34 collections of report theses, proceedings of various conferences, schools, and workshops organized by JINR, monographs, booklets, and other editions were published. Among them were: the Proceedings of the international conference «Nuclear Structure and Related Problems» in two volumes, the Proceedings of XVII International Seminar on Interaction of Neutrons with Nuclei (ISINN-17), the Proceedings of XIII Workshop on Spin Physics at High Energies, the Proceedings of the 10th international workshop «Relativistic Nuclear Physics: From Hundreds of MeV to TeV», collections of abstracts of the international conference on theoretical physics «Dubna-NANO-2010», the International Symposium on In Situ Nuclear Metrology as a Tool for Radioecology (INSINUME'2010), and others. The JINR Annual Report 2009 was published in Russian and English, as well as the Scientific Report 2008–2009 of the Laboratory of Information Technologies.

The book «Mikhail Grigorievich Meshcheryakov: To the Centenary of the Birthday» is dedicated to the outstanding scientist, Corresponding Member of the Academy of Sciences of the USSR, the leader of the activities to develop the synchrocyclotron, an organizer of a scientific centre on its basis — the Institute of Nuclear Problems of AS USSR, the founder and the first director of JINR LCTA, one of the founders and an honorary citizen of the Dubna city. The book includes memoirs, public speeches, and letters by M. Meshcheryakov, essays about his life and scientific works written by the pupils, colleagues, and friends of the scientist.

A collection «Academician Albert Nikiforovich Tavkhelidze: To the 80th Anniversary of the Birthday» was issued. The book is dedicated to the memory of A. Tavkhelidze (1930–2010), a world-known scientist and a prominent organizer of scientific research in Russia and Georgia. It includes a brief essay about the life and career of the scientist, a bibliographic index of his works, the main dates of his life, the main trends of scientific research and authentic papers by A. Tavkhelidze. The conclusion part of the book contains memoirs about Albert Nikiforovich.

In 2010, seven issues of the journal «Physics of Elementary Particles and Atomic Nuclei» were published. Issues 1–5 include 26 reviews, issues 6 and 7

contain 72 reports presented at the Bogoliubov conference «Problems of Theoretical and Mathematical Physics» held in Moscow and Dubna on 21–27 August 2009. Seven issues of the journal «Physics of Elementary Particles and Atomic Nuclei, Letters» were published; issues 1–6 contain 64 papers on specific scientific, scientific and technical, methodical, and applied results; issue 7 contains 33 reports presented at VIII international scientific seminar in memory of V. Sarantsev «Problems of Charged Particle Accelerators: Electron–Positron Colliders».

The bulletin «JINR News» was issued in Russian and English. In 2010, 50 issues of the JINR weekly newspaper «Dubna: Science, Cooperation, Progress» were published.

Six editions in the series of the JINR UC study guides were issued. Among them were the following manuals: «Phenomenology, Formalism and Procedure of the Analysis of Nucleon–Nucleon Scattering» by F. Lehar and E. Strokovsky; «Fundamentals of Studies of the Properties of Condensed Matter with Neutron Scattering» by A. Belushkin; and «A Laboratory Manual for Molecular Biology» by N. Koltovaya.

The Publishing Department forwarded about 160 papers and reports on the results of research conducted by JINR scientists to the editorial boards of journals, to various conferences, symposia, meetings, and schools held both in JINR Member States and in other countries. Papers by JINR staff members were published in the journals «Pribory i Tekhnika Eksperimenta», «Nuclear Physics», «Atomic Energy», «Crystallography», «Journal of Physics», «Poverkhnost'. Rentgenovskie, Synkrotronnye i Neitronnye Issledovaniya», «Physical Review», «Nuclear Instruments and Methods», «Journal of Radioanalytical and Nuclear Chemistry», «Annals of Nuclear Energy», and other periodicals.

To keep readers of the Science and Technology Library timely informed about new publications received, express bulletins of STL and the Licensing and Intellectual Property Department are issued by the Publishing Department. «The Bibliographic Index of Papers Published by JINR Staff Members in 2009» was issued.

The Publishing Department fulfilled numerous orders of the laboratories to produce posters, Xerox copies, and book binding. Over 90 thousand various forms were printed for experimental information processing and other purposes.