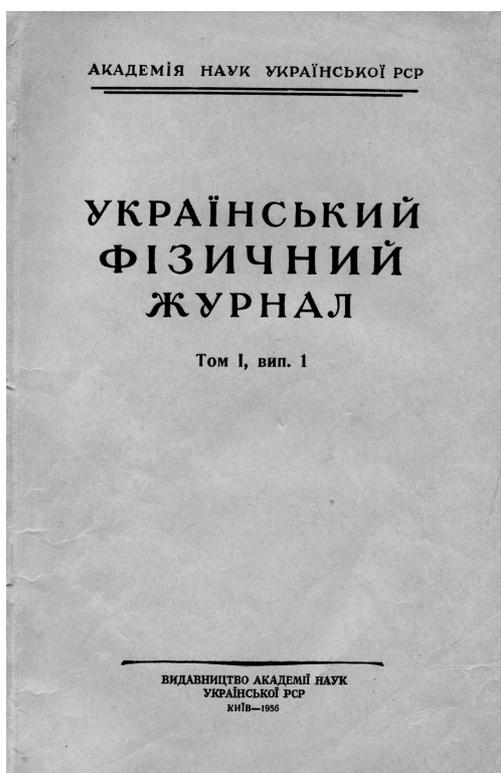

The 50th Anniversary of the Ukrainian Journal of Physics



Dear colleagues,

50 years ago, in April, the first number of the “Ukrainskyi Fizychnyi Zhurnal” (Ukrainian Journal of Physics) — the main issue of the National Academy of Sciences of Ukraine which deals with all aspects of physics — was published.

This event was preceded with the active preparation for the publication of a new journal. For the first time, the subject of issuing the Ukrainian Journal of Physics was considered at the session of the Presidium of the

Academy of Sciences of the UkrSSR on January 15th, 1955. A decision “to present a petition for renewing the publication of the Ukrainian Journal of Physics since the second half-year of 1955 — instead of the “Fizychni Zapysky” (Physical Notes) journal¹ which had been published at the Academy of Sciences of the UkrSSR until 1941 — to the relevant official channels” was taken. The final decision about the foundation of the journal was taken by the Presidium of the AS of the UkrSSR on June 9th, 1955. Academician of the AS of the UkrSSR V.E. Lashkarev was appointed Editor-in-Chief of the journal. The Editorial Board also included Academicians of the AS of the UkrSSR K.D. Synelnykov and B.G. Lazarev, Corresponding Members of the AS of the UkrSSR A.F. Prykhotko, A.A. Smyrnov, and N.D. Morgulis, and Professors S.D. Gertsriken, O.Z. Golik, and O.I. Akhiezer. The Institute of Physics of the AS of the UkrSSR was selected the basic institution of the journal. The journal was adopted to be released quarterly, with each number consisting of eight quires. It is of interest that the journal was first planned to be published in Russian; nevertheless, the ultimate decision was taken in favor of the Ukrainian language. Moreover, while discussing the functioning of the Ukrainian Journal of Physics at the session of the Presidium of the AS of the UkrSSR on March 16th, 1956, it has been decided that, in order to attract scientists who do not know Ukrainian, the Publishing house of the AS of the UkrSSR should sponsor the translation of the articles of those authors.

Having resolved technicalities, the editorial board started to work actively. As early as in April, 1956, the Presidium of the AS of the UkrSSR mentioned at its session that the first number of the Ukrainian Journal of Physics had been released.

The renewal of the publication of a scientific journal dealing with all aspects of physics was the

¹The “Physical Notes” journal had been published by the Institute of Physics of the AS of the UkrSSR since 1929.

urgent necessity at that time and had extremely great importance for the development of science in Ukraine. Suffice it to say that the theoretical and experimental researches in various branches of physics began to acquire a great scale in those years. Nuclear physics, physics of semiconductors, plasma physics, quantum electronics, laser physics, physics of metals, low-temperature physics, high-pressure physics, radiophysics, radioastronomy, etc. progressed intensively. The extension of existent institutes and the creation of new ones with the physical profile were planned.

At once, the journal had acquired its authors and readers. Among the articles published in it within several first years, there were those of the most prominent Ukrainian physicists, such as O.S. Davydov, O.I. Akhiezer, P.G. Borzyak, O.G. Sitenko, A.F. Lubchenko, A.F. Prykhotko, S.I. Pekar, N.D. Morgulis, O.V. Snitko, A.A. Smyrnov, M.T. Shpak, and many others.

In due time, the volume and the periodicity of the Ukrainian Journal of Physics changed. It was a quarterly journal in 1956–1957 and a bi-monthly one in 1958–1961. Since 1962, the journal has been released monthly. In 1985, the classification of articles according to their subjects was introduced. In 2004, additional releases of the journal — UJP—Reviews and UJP—Conference Proceedings — appeared. That year, the journal became published in two versions: Ukrainian and English.

The Editors-in-Chief of the journal Academicians V.E. Lashkarev (1956–1972), A.A. Smyrnov (1973–

1983), O.G. Sitenko (1987–2001), and M.S. Brodyn (since 2003), as well as its Executive secretaries O.G. Sarbei (1956–1966), V.I. Sheka (1967–1972), A.G. Naumovets (1973–1993), V.A. Yatsun (1994–1995), I.I. Ukrainnyi (1996–1997), and V.M. Malnev (since 1998), played a large role in the creation and support of the high scientific qualification of the journal.

Nowadays, the scope of the Ukrainian Journal of Physics includes all the branches of physics. The list of headings, according to which the published scientific articles are classified, evidences for that: Fields, Elementary particles; Nuclei, Nuclear reactions; Atoms and molecules; Optics; Quantum electronics; Holography; Plasma and gases; Solids; General questions of electrodynamics, statistical physics, and quantum mechanics; Physics of nanosystems; Methods of physical experiment; Items, Bibliography, and Personalia.

The electronic version of the journal is in a rather high requisition. Every year, its electronic pages are attended by up to 10 thousand visitors which make about 50 thousand inquiries.

Among the journal's authors, there are scientists working at academic (about 33%) and higher-school (about 35%) institutions. More than 15% of the articles come from the former Soviet republics and abroad.

The Editorial Board hopes that Ukrainian physicists will keep their active promotion to the successful functioning of the journal in the future and to the rise of its prestige, by submitting their best works for publication.

We congratulate all the authors and the readers of our journal with its 50-th jubilee and wish them new creative strides for the benefit of physics.

Editorial Board