

The Paton Welding Journal

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The content of the journal includes articles received from authors from around the world in the field of welding, metallurgy, material science and selectively includes translations into English of articles from the following journals, published by PWI in Ukrainian:

- Automatic Welding (<https://patonpublishinghouse.com/eng/journals/as>);
- Technical Diagnostics & Nondestructive Testing (<https://patonpublishinghouse.com/eng/journals/tdnk>);
- Electrometallurgy Today (<https://patonpublishinghouse.com/eng/journals/sem>).

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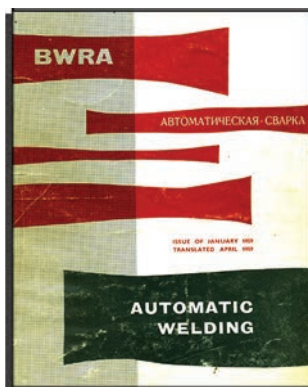
*Translated Article(s) from «Automatic Welding», No. 1, 2022.

**Translated Article(s) from «Electrometallurgy Today», No. 4, 2021.

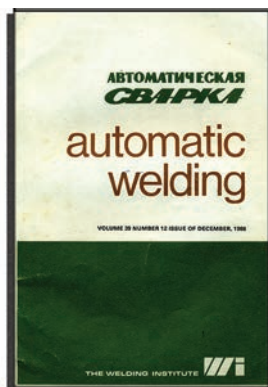
***Translated Article(s) from «Technical Diagnostics & Nondestructive Testing», No. 4, 2021.

“THE PATON WELDING JOURNAL” — SHORT HISTORY

The history of “The Paton Welding Journal” is closely connected with the E.O. Paton Electric Welding Institute (PWI) and the history of “Avtomatychnye Zvaryuvannya” journal. It is assumed that the first issue of “Avtomatychnye Zvaryuvannya” journal was published in March, 1948 [in Russian].



No. 1, 1959



No. 12, 1986

Beginning from 1959, translation of the journal entitled “Automatic Welding” (ISSN 0005-108X) into English was performed by the British Welding Research Association, Cambridge, UK. The first English issue for 1959 was a translation of the Russian issue No.4, 1959. At that time, the communication and translation took at least 15 weeks. Therefore, in order to ensure the accuracy and fast reproduction of the text, none of the metric units were converted into British units, except for some basic coefficients. In 1959–1986 the journal cover was changed three times.

The “Automatic Welding” journal publication was interrupted in 1987. Instead of it, PWI in cooperation with The British Library Document Supply Centre, released a monthly translation journal “Welding International” (ISSN 0950-7116). This journal published part of the papers from the Russian variant of “Avtomatychnye Zvaryuvannya” journal.

Starting from 1989, PWI resumed publication of the translated journal. Thus, in 1989–1990 “The Paton Welding Journal” (ISSN 0957 798X) was published by Abington Publishing House, which is part of Woodhead Publishing Ltd (Cambridge, UK). During this period, the appearance of the journal cover changed three times.

In 1991–1998, “The Paton Welding Journal” (ISSN 0957 798X) was published monthly

by Riecanisky Science Publishing Co (Cambridge, UK), and its cover changed twice. From the middle of 1994, the journal starts publishing information about the availability of abstracts of the papers from “The Paton Welding Jour-



No. 2, 1991



No. 9, 1998

nal” in electronic format at the site: <http://www.demon.co.uk/cambsci/pwj.html>.

In July, 1999, PWI, with the support of the International Association “Welding”, issued a pilot version of “The Paton Welding Journal”. “The Paton Welding Journal” (ISSN 0957 798X) is published with the frequency of 12 issues per year, and it is an English translation of “Avtomatychnye Zvaryuvannya”. The journals in both languages are issued simultaneously without any time differences. The journal site is: <https://patonpublishinghouse.com/eng/journals/tpwj>. Beginning from issue No.7, the journal is indexed in the Crossref, with DOI indices assigned to each published scientific paper. From No.8, 2021 the content of the journal includes papers received from authors from around the world in the field of welding, metallurgy, materials science and selectively includes translations into English of papers from the following journals, which are published by PWI in Ukrainian: “Avtomatychnye Zvaryuvannya” (Automatic Welding), “Tekhnichna Diahnostyka ta Neruinivnyi Kontrol” (Technical Diagnostics & Nondestructive Testing), “Suchasna Elektrometalurhiya” (Electrometallurgy Today).



No. 1, 1989



July, 1999



No. 12, 2021

Over the years, “The Paton Welding Journal” has gone through a lot of transformations, but it is developing, it has not lost its relevance and has a stable international status and demand.

Svitlana Ivanenko, Head of the PWI Library

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