MINISTRY OF EDUCATION OF THE REPUBLIC OF BELARUS
MINISTRY OF HEALTH OF THE REPUBLIC OF BELARUS
BELARUSIAN STATE UNIVERSITY OF INFORMATICS AND RADIOELECTRONICS
BELARUSIAN STATE MEDICAL UNIVERSITY

XV International Scientific and Technical Conference «MEDELECTRONICS – 2024» EQUIPMENT OF MEDICAL ELECTRONICS AND NEW MEDICAL TECHNOLOGIES»

December 3–4, 2026 Minsk

CALL FOR PAPERS

The Organizing Committee of the XV International Scientific and Technical Conference **«MEDELECTRONICS-2026:** EQUIPMENT OF MEDICAL ELECTRONICS AND NEW MEDICAL TECHNOLOGIES» invites to take part in the conference, which will be held **on December 3–4, 2026** at the Belarusian State University of Informatics and Radioelectronics (Republic of Belarus, Minsk, P. Brovki 6).

The purpose of the conference: to discuss scientific and practical achievements in the field of design and application of medical electronics means, development and implementation of new medical technologies, training of specialists.

Conference related topics:

Artificial intelligence in medicine: from experiments to everyday practice;
Digital medicine and innovative technologies in diagnostics and treatment;
Personalised technologies in restorative medicine and rehabilitation;
Fundamental medicine, ecology and balneology.

THE ORGANIZING COMMITTEE:

Davydov M.V., First Vice-Rector, PhD, Associate Professor, Belarusian State University of Informatics and Radioelectronics, Republic of Belarus.
Dzik S. C., Head of the Department of Engineering and Computer Graphics, PhD, Associate Professor, Belarusian State University of Informatics and Radioelectronics, Republic of Belarus.
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Forms of participation: plenary paper presentation, section report, without-a-presentation participation (publication in the conference proceedings).

Information about the preparation and holding of the conference can be found on the website *https://www.bsuir.by/ru/kaf-etit/konferentsiya-medelektronika*

We invite you to pass this information on to all interested colleagues.

To include materials in the peer-reviewed collection, it is necessary to send the following materials to the email address (meconf@bsuir.by) of the organizing committee **before November 1, 2026:** an application for participation (the form is attached), report materials drawn up in accordance with the requirements (template for conference materials).

Working languages: Belarusian, Russian and English.

REQUIREMENTS FOR THE PRESENTATION OF THE REPORT MATERIALS

1. Articles accepted for publication **reflect the results of original scientific and technical research and development; these articles are not published and not intended for publication in other conference proceedings.** Review articles should contain links to their own publications. The authors are responsible for the originality and reliability of the materials submitted for publication. The subject of the submitted article should correspond to the headings of the collection:

- Artificial intelligence in medicine: from experiments to everyday practice;
- Digital medicine and innovative technologies in diagnostics and treatment;
- Personalised technologies in restorative medicine and rehabilitation;
- Fundamental medicine, ecology and balneology.

2. Articles must be written in a concise and clear manner and contain an appropriate UDC index; the title is written in Russian and English; initials and surnames of authors in Russian and English; the full official name of the organization (institution) where the study was carried out (with the address); keywords (not more than 10 words) in Russian and English; abstract in Russian and English (3–5 sentences). It is recommended to standardize the text of the article using the subheadings **introduction, theoretical analysis, methods, experimental part, results and their discussion, conclusion, references.**

3. **Number of pages and illustrations**: for the original article - 4-5 pages and no more than 5 illustrations; for a short message – 2-3 pages and 2 illustrations.

Articles must be submitted electronically to the conference organising committee at meconf@bsuir.by **by November 1** for preliminary consideration. Articles are submitted for examination to obtain an expert opinion on whether the materials can be published in print. Articles that do not meet the requirements for publication or have not passed the examination will not be presented in the printed version of the collection of conference proceedings.

4. Typing the text, Times New Roman is used, font size - 11 pt. Set paper size - A4 (210×297 mm). Margins at the left, right, top and bottom are 25 mm. Line spacing - 1,0. Paragraph indent - 1.25 cm. When typing, do not use hyperlinks, bulleted lists and manual hyphenation.

5. . **Formula expressions** are executed only in MathType formula editor, style – «Math», style - Times New Roman, font size - 11 pt. Both in the text of the article and in formula expressions, mathematical functions, figures, letters of the Greek and Russian alphabets are typed by straight lines, Latin letters - by italics. It is recommended to number those formulaic expressions that are referred to in the following text, enclosing the number in parentheses.

6. **Drawings are fulfilled according to the following requirements:**

– the size of the figure - no more than 15×20 cm, the resolution - no less than 300 dpi;
– the figure should be designed as a graphic object;
– the captions under the figure should necessarily include the number and the name of the figure;
– it is recommended to avoid verbal symbols on the figures, but use numeric or letter symbols, which should be explained in the text of the article or in the figure captions;
– numerical and alphabetical labels in figures must match the corresponding labels in the article text or figure captions in both typeface and size.

7. Names, designations, definitions and rules for the use of units of physical quantities used in the article should comply with GOST 8.417-2002.

8. References to literary sources are numbered in the order of their citation in the text. Reference numbers are placed in square brackets.

In the «References» section, output data of only peer-reviewed literary sources used to write articles should be presented. It is not recommended to include in this section the imprint of author's abstracts, dissertations, textbooks, manual articles, devices, Internet sites, statistical reports, articles in socio-political newspapers, etc. If necessary, references to restored sources are recommended to be made in

the form of footnotes. It is desirable that the list of references should contain no more than 15 indications.

In the «References» section, the output data of the literary sources used to write the articles are used in their original language.

To describe the output of literary sources, use a 10 pt font (typeface - Times New Roman).

Examples of designing descriptions of literary sources in the «References» section:

1. Last names and initials of all authors. The article title. The journal title. Year; Volume(Issue):00-00. DOI: 0000-0000.

2. Last names and initials of all authors. The monography title. Edition number. City: Publishing house; Year.

3. Last names and initials of all authors [Translation of the monography title (if it's no in English)]. City: Publishing house; Year.

REQUIREMENTS FOR ARTICLE DESIGN

Rules for the design of articles are set out at:
https://doklady.bsuir.by/jour/about/submissions#authorGuidelines

UDC (to be provided by the authors)

ARTICLE TITLE IN ENGLISH

INITIALS SURNAME IN ENGLISH, INITIALS SURNAME IN RUSSIAN

Full official name of the organisation in English (City, Country)

Abstract. Abstract text in English (100–250 words).

Keywords: List of keywords in English (10–15 keywords).

ARTICLE TITLE IN RUSSIAN

FULL NAME, PATRONYMIC (if any) INITIAL, SURNAME; FULL NAME, PATRONYMIC (if any) INITIAL, SURNAME IN RUSSIAN

Full official name of the organisation in Russian (City, Country)

Abstract. Abstract text in Russian.

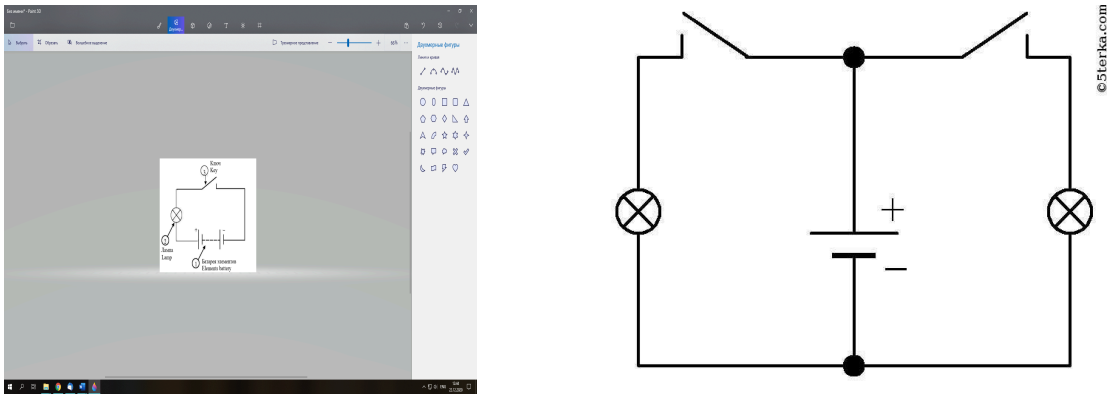
Keywords: List of keywords in Russian

Introduction

Text.

Title of the next chapter

An example of figure formatting is shown in Fig. 1.



a *b*

Fig. 1. Example of figure formatting: *a* – part a; *b* – part b.

An example of formula formatting (formulas must be typeset using the MathType equation editor):

$$W(u,s)=\int_{-\infty}^{+\infty} x(t)\frac{1}{\sqrt{s}}\psi\left(\frac{t-u}{s}\right)dt \quad (1)$$

An example of table formatting is shown in Table 1.

Table 1. Example of table formatting

Column 1 heading	Column 2 heading	Column 3 heading
Column 1 content	Column 2 content	Column 3 content

Results and Discussion

Text.

Conclusion

Text.

References

It is recommended to use only monographs and articles published in peer-reviewed journals.

1. The guidelines for formatting bibliographic references in the “References” section are available at: https://doklady.bsuir.by/jour/about/submissions#authorGuideline.