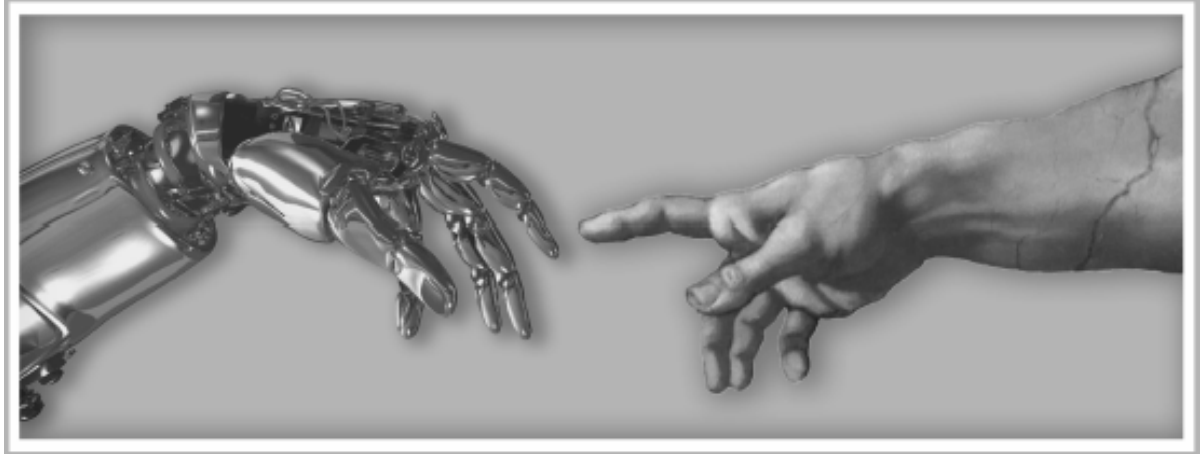


MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

NATIONAL UNIVERSITY "ODESA POLYTECHNIC"

With the assistance of a public organization
"ALL UKRAINIAN ASSOCIATION OF BIOMEDICAL ENGINEERS AND
TECHNOLOGISTS"



INFORMATION NOTICE

Dear colleagues!

We invite you to participate in the work

III INTERNATIONAL SCIENTIFIC AND TECHNICAL CONFERENCE "MODERN TECHNOLOGIES OF BIOMEDICAL ENGINEERING"

May 8-10, 2024, Odesa, Ukraine

The materials of the conference will be published in the form of electronic collections of the program and theses of the reports, which will be placed in the repository of the library of the National University "Odesa Polytechnic".

Participation in the conference is free!

Each conference participant will receive a participant certificate with corresponding ECTS time and credits!

Working languages of the conference: Ukrainian, English.

IMPORTANT DATES

April 8, 2024 – the end of receiving conference materials;

May 8-10, 2024 – opening of the conference, work of sections;

June 10-23, 2024 – mailing of the conference program and participant certificates;

June 23, 2024 – publication of abstracts of reports on the university website.

ORGANIZATIONAL COMMITTEE

Odesa Polytechnic National University, Educational and Scientific Institute of Medical Engineering, Department of Biomedical Engineering, (1 Shevchenko Ave., Odesa, Ukraine, 65044)

Contacts of responsible persons:

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PARTICIPATION IN THE CONFERENCE

To participate in the work of the conference, it is necessary until April 8, 2024:

- Register using the link, no more than 5 authors per report:
https://docs.google.com/forms/d/e/1FAIpQLSfJafVMQkusqWxcWWMG1HnQz1eF2kNIK2OfOXo5FQJOwl0thsw/viewform?usp=sf_link
- Abstracts of the report, drawn up in accordance with Appendix 1 (formation of abstracts of the report) or according to the sample template (Appendix 2), are added to the form in electronic form during registration in the appropriate section.

CONFERENCE SECTIONS

1. Biomedical engineering.
2. Medical physics.
3. Medical electronics and devices.
4. Computer diagnostics.
5. Rehabilitation engineering and prosthetics.
6. Biomechanics and sports engineering.
7. Information technologies in biomedicine.
8. Education in the field of biomedicine, telemedicine and electronic health care.
9. Legal, humanitarian and economic aspects.

Appendix 1

PREPARATION OF THESE REPORTS

Materials are accepted in the amount of 2-5 full pages of A4 format, including figures, tables, formulas, a list of references, in the MS Word editor, Times New Roman font, point - 11, paragraph indent - 1.25 cm, spacing - 1.0; margins: upper, left – 2.5 cm; right, lower - 1.5 cm.

Article pages are not numbered.

Originality of the text: at least 70%.

Requirements for theses:

- first line: UDC number (justified on the left edge);
- second line: empty line;
- the third line: name, surname, scientific degree, academic title of the author;
- the fourth line: the name of the organization and the e-mail of the author;
- fifth line: empty line;
- the sixth line: the name of the report (capital letters, font 14 - bold, center alignment)
- then through one empty line Abstract and Keywords;
- after the main text through one empty line (width alignment);
- after the text: a list of references (Literature) is given, designed in accordance with DSTU 8302:2015;
- coding of the file by the last name of the first author (for example: Theses_ Burychenko).

Figures: Any graphic materials (figures, diagrams ...) are marked " Fig." and are numbered with Arabic numerals. Designation - located under the drawing on the next line in the center and highlighted in bold. The Fig. is separated from the text by trees and lowered by an empty line. All figures must be referenced in the text (Fig. 1).

Example:

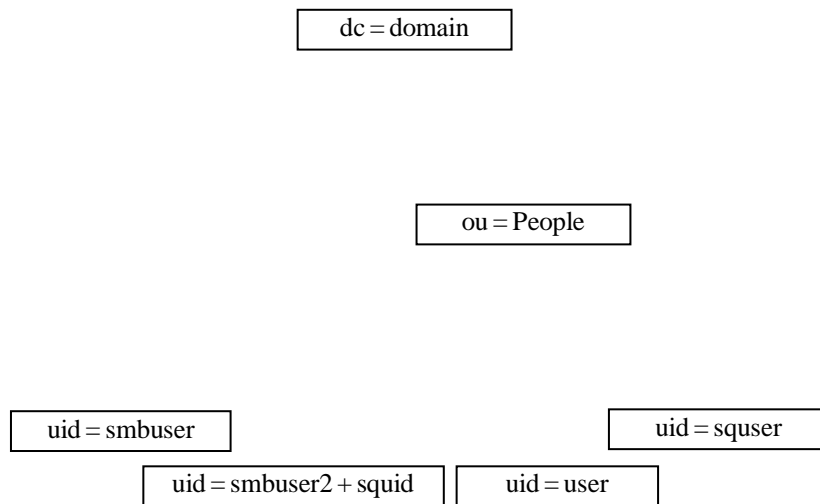


Fig. 2. An example of a standard directory tree

Tables: are marked with the word "Table" and numbered with Arabic numerals. The notation and serial number of the table (without a period) are aligned on the right edge, the name of the table is on the next line, in the center. They are highlighted in bold. Font in tables and figures - 11 pt. The table is separated from the text above and below by an empty line. All tables should be referenced in the text (Table 1).

Example:

Table 1

Use of hydrogels

Using	Polymers
Treatment of wounds	Xanthan, methyl cellulose, carboxymethyl cellulose, alginate, hyaluronan and other hydrocolloids
Pharmaceuticals, drug delivery	Carboxymethylcellulose, hydroxypropylmethylcellulose, polyvinyl alcohol, acrylic acid, methacrylic acid
Dental materials	Hydrocolloids (Ghatti, Karaya, Kerensis gum)
Fabric engineering	Collagen, poly(vinyl alcohol), poly(acrylic acid)
Technical products (cosmetic, pharmaceutical)	Hyaluronan

Appendix 2

A sample template for the design of abstracts of a report:

UDC

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TITLE OF THE REPORT

Abstract.

.....
.....
Keywords:

Relevance of research.

.....
.....
The aim of the study.

.....
.....
Basic research materials. In work [1] for definition

$$R_{ij} = \begin{cases} 1 & : \|\mathbf{x}_i - \mathbf{x}_j\| \leq \varepsilon \\ 0 & : \|\mathbf{x}_i - \mathbf{x}_j\| < \varepsilon \end{cases} \quad i, j = 1, 2, \dots, n.$$

The results......
.....
.....
.....
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.....
.....

Examples of design figures: fig. 1.



Fig. 1. Name of the figure

.....
.....
Conclusions......

Reference

1. Onykiienko, Y. (2019). Method for Research of the Human Static Equilibrium Function. Advances in Computer Science for Engineering and Education. ICCSEEA 2018. Advances in Intelligent Systems and Computing, vol. 754. Springer, Cham. https://doi.org/10.1007/978-3-319-91008-6_53
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3. M. S. Lyby, M. Mehlsen, A. B. Jensen and all. Intervention and Reductions in Distress Symptoms in Women With Breast Cancer. Front. Appl. Math. Stat., 30 July 2019. Sec. Dynamical Systems Volume 5 – 2019. <https://doi.org/10.3389/fams.2019.00037>.
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