|  |
| --- |
| Authors’ Instructions |
| First Author Name Surname1, Second Author Name Surname2,3 and Third Author Name Surname1,4 |
| 1My Institute, Main University, Name Street Str. Number, Post Code My Town, My Country*2*My *Department,* My *University,* Name *Avenue Number, Post Code My Town, My Country**3Department of Communications, National Aviation University, Liubomyra Huzara Avenue 1, 03058 Kyiv, Ukraine*4Anhalt University of Applied Sciences, Bernburger Str. 57, 06366 Koethen, Germany{f\_author, s\_author}@ips.xyz.edu, t\_author@xy.mu.edu, xyz\_author@gmail.com |

Keywords: The paper must have at least at least four keywords. This paragraph should be justified with a line space of exactly 11-point, special indentation of 2-centimeters and with a spacing before of exactly 48-points. The text should be set in 9-point font size and without the use of bold or italic font style. For more than one keyword, please use a comma as a separator. The first letter of each keyword capitalized. The sentence must end with a period.

Abstract: The abstract should summarize the contents of the paper and should contain at **least 150** and at **most
300 words**. It should be set in 9-point font size, justified and should have a hanging indent of 2-centimenter. There should be a space before of 12-point and after of 30-point. The abstract must include research actuality, aims of the paper, research method, author's results, a practical and theoretical relevance of results.

# 1 INTRODUCTION

Your paper will be included in the conference proceedings journal, so we kindly ask authors to follow the guidelines provided in this template to ensure the highest possible quality. Please note that papers not meeting technical requirements will be returned for revision. Once returned, the paper must be appropriately modified.

Margins, column widths, line spacing, and text styles are pre-set in the template, allowing you to insert your text directly. Some elements, such as multi-level equations or graphics, may require additional formatting to meet the specified criteria outlined below.

# 2 Manuscript Preparation

We strongly encourage authors to use this document for the preparation of the camera-ready. Please follow the instructions closely in order to make the volume look as uniform as possible.

Please remember that all the papers must be in English and without orthographic errors.

Do not add any text to the headers (do not set running heads) and footers, not even page numbers, because text will be added electronically.

For a best viewing experience the used font must be Times New Roman, on a Macintosh use the font named times, except on special occasions, such as program code (Section 2.3.7).

**2.1 Page Setup**

The paper size must be set to A4 (210x297 mm). The document margins must be the following:

* Top: 3,3 cm;
* Bottom: 4,2 cm;
* Left: 2,6 cm;
* Right: 2,6 cm.

It is advisable to keep all the given values.

Regarding the page layout, authors should set the Section Start to Continuous with the vertical alignment to the top and the following header and footer:

* Header: 1,4 cm;
* Footer: 2,5 cm.

Any text or material outside the aforementioned margins will not be printed.

**2.2 First Section**

This section must be in one column. Section, subsection and sub subsection first paragraph should not have the first line indent, other paragraphs should have a first line indent of 0,5-centimeter.

**2.2.1 Title**

The title should be centered, set in 15-point bold font, with a line spacing of exactly 17 points. The first letter of each word, except for articles and conjunctions such as "is," "or," and "then," should be capitalized unless they are the first word of the title. No formulas or special characters of any form or language are allowed in the title.

**2.2.2 Authors**

Author(s) name(s) should be centered with a line spacing of exactly 13 points and a font size of 11 points. Names must be written in full, with the first name followed by the last name, separated by commas. The word "and" should be used before the last author without a preceding comma. There should be a spacing of 24 points before the author names.

**2.2.3 Affiliations**

Affiliation(s) should be centered and must include the organization, street name and number, postal code, city, country, and email address for each author. The line spacing must be exactly 11 points, with a font size of 9 points and an italic font style.

**2.2.4 Keywords**

Each paper must include at least four keywords, with the first letter of each keyword capitalized. Keywords should be separated by commas and appear justified, with an exact line spacing of 11 points, a hanging indent of 2 centimeters, a spacing before of 48 points, no spacing after, and a font size of 9 points. The sentence must end with a period.

**2.2.5 Abstract**

Each paper must have an abstract. The abstract should appear justified, with a linespace exactly of 11-point, a hanging indent of 2-centimeters, spacing before of 12-point and after of 30-point, and font size of 9-point. The sentence must end with a period.

The abstract should clearly define the research problem, specifying its domain and relevance. It should briefly outline existing solutions, present the proposed approach with its key characteristics, and state the core idea of the study. The methodology for validating the solution should be described, including specific data from experiments or research. Finally, the results and their significance should be concisely summarized. The abstract must be clear, coherent, and concise, providing all essential information for understanding the study.

**2.3 Second Section**

This section must be in two columns. Each column must be 7,5-centimeter wide with a column spacing of 0,8-centimeter. The section text must be set to 10-point, justified and linespace single.

Subsection and sub subsection first paragraph should not have the first line indent, other paragraphs should have a first line indent of
0,5-centimeter.

**2.3.1 Section Titles**

The heading of a section title must be 13-point bold in all-capitals, aligned to the left with a linespace exactly at 15-point, hanging indent of 0,7-centimeter and with an additional spacing of 24-point before (not applicable to the first title section of the paper) and 12-point after.

No dot should be included after the section title number.

**2.3.2 Subsection Titles**

The heading of a subsection title must be 12-point bold with initial letters capitalized, aligned to the left with a linespace exactly at 13-point, hanging indent of 1,0-centimeter and with an additional spacing of 11-point before (not applicable right after a section title) and 11-point after.

The first letter of each keyword capitalized. Words like “is”, “or”, “then”, etc should not be capitalized unless it is the first word of the subsection title. No dot should be included after the subsection title number.

**2.3.3 Sub Subsection Titles**

The heading of a sub subsection title should be in 11-point bold with initial letters capitalized, aligned to the left with a linespace exactly at 12-point, hanging indent of 1,0-centimeter and with an additional spacing of 10-point before (not applicable right after a subsection title) and 10-point after.

The first letter of each keyword capitalized. Words like “is”, “or”, “then”, etc should not be capitalized unless it is the first word of the sub subsection title.

No dot should be included after the sub subsection title number.

**2.3.4 Tables**

Tables must appear inside the designated margins or they may span the two columns.

Tables in two columns must be positioned at the top or bottom of the page within the given margins. It is advisable the use of text boxes in this case.

Tables should be properly numbered, centered and should always have a caption positioned above it. Captions with one line should be centered and if it has more than one line should be set to justified. The font size to use is 9-point. No bold or italic font style should be used. Spacing before and after should be of 12-point and 6-point, respectively.

The final sentence of a caption must end with a period.

Table 1: This caption has one line so it is centered.

|  |  |
| --- | --- |
| Example column 1 | Example column 2 |
| Example text 1 | Example text 2 |

Table 2: This caption has more than one line so it has to be set to justify.

|  |  |
| --- | --- |
| Example column 1 | Example column 2 |
| Example text 1 | Example text 2 |

Please note that the word “Table” is spelled out.

**2.3.5 Figures**

Please produce your figures electronically, and integrate them into your document.

Check that in line drawings, lines are not interrupted and have a constant width. Grids and details within the figures must be clearly readable and may not be written one on top of the other.

We suggest that you use a text box to insert a graphic (which is ideally a 300-dpi resolution TIFF or EPS file with all fonts embedded) because this method is somewhat more stable than directly inserting a picture.

Figures must appear inside the designated margins or that may span the two columns.

Figures in two columns must be positioned at the top or bottom of the page within the given margins. It is advisable the use of text boxes in this case.

Please do not use indentation and set the figure layout to in line with text.

Figures should be properly numbered, centered and should always have a caption positioned under it. Captions with one line should be centered and if it has more than one line should be set to justified. The font size to use is 9-point. No bold or italic font style should be used. Spacing before and after should be of 6-point and 12-point, respectively.

The final sentence of a caption must end with a period.

Figure 1: This caption has one line so it is centered.

Figure 2: This caption has more than one line so it has to be set to justify.

Please note that the word “Figure” is spelled out. If your figure has two parts, include the labels “(a)” and “(b)” as part of the artwork. Please verify that the figures and tables you mention in the text actually exist.

**2.3.6 Equations**

The equations are an exception to the prescribed specifications of this template. You will need to determine whether or not your equation should be typed using either the Times New Roman or the Symbol font (please no other font). To create multileveled equations, it may be necessary to treat the equation as a graphic and insert it into the text after your paper is styled.

Italicize Roman symbols for quantities and variables, but not Greek symbols. Use a long dash rather than a hyphen for a minus sign. Punctuate equations with commas or periods when they are part of a sentence, as in

*a**b* 

For complicated equations please use MathType Word extension.

Note that the equation is centered using a center tab stop. Be sure that the symbols in your equation have been defined before or immediately following the equation. Use “(1),” not “Eq. (1)” or “equation (1),” except at the beginning of a sentence: “Equation (1) is ...”

**2.3.7 List**

The following no numbered list style:

* 1 ;
* 2;
* 3.

Or numbered list style:

1. 1;
2. 2;
3. 3.

If use multilevel list:

1. 1 level;
2. 2 level;
* 3 level

**2.3.8 Program Code**

Program listing or program commands in text should be set in typewriter form such as Courier New.

Example of a Computer Program in Pascal:

begin

 Writeln('Hello World!!!');

End.

The text must be aligned to the left with the linespace set to single and in 9-point type.

**2.3.9 Reference Text and Citations**

**Papers must include a minimum of 10 references.** Try to exclude links to online resources and national non-translated publications. At least the half of the references must be published within the last 5-7 years are included in the WoS and SCOPUS provided DOI number. Authors are permitted to include citations to their own work in their paper, but these self-citations should not exceed 10% of the total references used in the paper. The template will number citations consecutively within brackets [1] (**IEEE style**). The sentence punctuation follows the bracket [2]. Refer simply to the reference number, as in [3] - do not use “Ref. [3]” or “reference [3]” except at the beginning of a sentence: “Reference [3] was the first ...”

If you use automated citation systems such as Zotero (<https://www.zotero.org>) or Mendeley (<https://www.mendeley.com/>), please use IEEE citation style and full names of Journals.

Number footnotes separately in superscripts. Place the actual footnote at the bottom of the column in which it was cited. Do not put footnotes in the reference list. Use letters for table footnotes.

Unless there are six authors or more give all authors’ names; do not use “et al.”. Papers that have not been published, even if they have been submitted for publication, should be cited as “unpublished” [4]. Papers that have been accepted for publication should be cited as “in press” [5]. Capitalize only the first word in a paper title, except for proper nouns and element symbols.

For papers published in translation journals, please give the English citation [6].

Unless there are six authors or more give all authors’ names; do not use “et al.”.

**3 Conclusions**

We hope you find the information in this template **IEEE style** useful in the preparation of your submission.

**Acknowledgments**

If any, should be placed before the references section without numbering.

The preferred spelling of the word “acknowledgment” in America is without an “e” after the “g.” Avoid the stilted expression “one of us (R. B. G.) thanks ...”. Instead, try “R. B. G. thanks...”. Put sponsor acknowledgments in the unnumbered footnote on the first page.

**References**

1. G. Eason, B. Noble, and I.N. Sneddon, “On certain integrals of Lipschitz-Hankel type involving products of Bessel functions,” Phil. Trans. Roy. Soc. London, vol. A247, pp. 529-551, April 1955.
2. J. Clerk Maxwell, A Treatise on Electricity and Magnetism, 3rd ed., vol. 2. Oxford: Clarendon, 1892, pp.68-73.
3. I.S. Jacobs and C.P. Bean, “Fine particles, thin films and exchange anisotropy,” in Magnetism, vol. III, G.T. Rado and H. Suhl, Eds. New York: Academic, 1963, pp. 271-350.
4. K. Elissa, “Title of paper if known,” unpublished.
5. R. Nicole, “Title of paper with only first word capitalized,” J. Name Stand. Abbrev., in press.
6. Y. Yorozu, M. Hirano, K. Oka, and Y. Tagawa, “Electron spectroscopy studies on magneto-optical media and plastic substrate interface,” IEEE Transl. J. Magn. Japan, vol. 2, pp. 740-741, August 1987 [Digests 9th Annual Conf. Magnetics Japan, p. 301, 1982].

**Appendix**

If any, the appendix should appear directly after the references without numbering, and not on a new page.