

Guidelines for the authors of the PCT conference for formatting of full and short papers (\LaTeX document)*

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Abstract contains a brief description of the paper, it should not exceed 10 lines. Abstract is separated by a single blank line with 16 pt size above and below. Left and right margins are of 15 mm width. Abstract is formatted as justified text with 10 pt Times New Roman font. This text is formatted according to all requirements and can be used as a template.

Keywords: from 3 to 10 key words and (or) the phrases separated by commas should be specified here.

1. Introduction

This document contains guidelines for \LaTeX users (you can also use guidelines for MS Word users) and can be considered as a template.

2. Paper preparation

Pages of the presented paper should have size 297×210 mm (A4 format). All margins should have the same size of 25 mm.

Numbering, forced page breaks and footers are not allowed.

Times New Roman (or equivalent) is used as a font of the paper. Paragraphs are typed by 11 pt font size with width alignment, single line spacing, and automatic hyphenation. Using bold style in the text is undesirable. Paragraphs are not separated by intervals and begin with a 7 mm indented line.

2.1. Headings

For the title of the paper bold Times New Roman font with 16 pt size and center alignment should be used. Title is separated by one blank line from all the text above.

List of authors appears in 12 pt Times New Roman with center alignment and is separated from the title by a single blank line with 16 pt size. Authors are listed through commas, initials are written before the last name.

Organization has 12 pt Times New Roman font with center alignment and is separated from the list of authors by one blank line of 6 pt size. Please, specify the official names (not abbreviations) of organizations. If authors work in different organizations, two or more organizations can be listed through commas. In this case author's affiliation is identified by the footnote.

Header of a section is made without a break from the first paragraph with left-alignment. Above and below the header there is a single blank line separation. Examples of titles and styles are shown in table 1.

2.2. Figures and tables

All figures and tables should have a caption, typed by 10 pt font with top and bottom 6 pt separation and central alignment. Caption to a table is placed above the table, caption to a

*Gratitude and references to the grant are made out as a footnote to the title of the paper.

figure — under the figure.

Assertions, lemmas and theorems should be formatted as separate paragraphs and should be numbered in order of appearance starting from number one, for example, **Theorem 1**.

Table 1. Heading examples

Type of the header	Font size and style
A title of the paper	16 pt, bold
First-level header	14 pt, bold
Second-level header	12 pt, bold
<i>Third-level header</i>	12 pt, italic

2.3. Formulae and source code

Formulae are typed with standard L^AT_EX features.

Source code should be formatted with Courier New font(or equivalent), of 10 pt size (see an example on Fig. 1). Bold and italic font is allowed in the source code.

```
void selectionsort(ap::real_1d_array& arr, const int& n)
{
    int i;
    int j;
    int k;
    double m;
    for(i = 1; i <= n; i++) {
        m = arr(i-1);
        k = i;
        for(j = i; j <= n; j++) {
            if( m>arr(j-1) ) {
                m = arr(j-1);
                k = j;
            }
        }
        arr(k-1) = arr(i-1);
        arr(i-1) = m;
    }
}
```

Figure 1. Selection sort algorithm

2.4. Footnotes and cross-references

Footnotes are placed at the bottom of the page and numbered with Arabic numerals ¹. Acknowledgements for the financial support should be performed as a footnote to the title of the paper and denoted by * symbol.

Cross-references should be placed in square brackets and listed in ascending order, separated by commas or dashes, for example: [1], [1, 3, 4], [2–4].

Reference list is numbered in Arabic numerals with font of 11 pt and with left-alignment.

¹Footnote numeration starts from the beginning on every new page.

References

1. Stonebraker M., Kemnitz G. The POSTGRES Next-generation Database Management System // Communications of the ACM. 1991. Vol. 34, No. 10. P. 78–92.
2. Yao B., Li F., Kumar P. K Nearest Neighbor Queries and kNN-Joins in Large Relational Databases (Almost) for Free // Proceedings of the 26th International Conference on Data Engineering, ICDE 2010, March 1-6, 2010, Long Beach, California, USA. IEEE, 2010. P. 4–15.
3. Amit Y. 2D Object Detection and Recognition: models, algorithms and networks. MIT Press, 2002. 325 p.
4. Cadez I., Heckerman D., Meek C., et al. Visualization of Navigation Patterns on a Web Site Using Model Based Clustering. Technical Report MSR TR 00 18. Microsoft Research. 2000. URL: <http://research.microsoft.com/pubs/69752/tr-2000-18.pdf> (accessed: 13.12.2009).