Preparation of Papers for the IEEE International Workshop on Soft Computing Applications SOFA 2005

First A. Author, Second B. Author

Authors' Affiliations

Abstract – These instructions give you guidelines for preparing papers for the IEEE International Symposium on Intelligent Signal Processing. Use this document as a skeleton file for LaTeX 2ε together with the ieee.cls class file and sofa.sty style-file for your paper. Define all symbols used in the abstract. Do not cite references in the abstract.

Keywords – About four key words or phrases in alphabetical order, separated by commas. For a list of suggested keywords, send a blank e-mail to keywords@ieee.org or visit the IEEE web site at http://www.ieee.org/web/developers/webthes/index.htm.

I. INTRODUCTION

This document is a template for LaTeX 2ε. If you are reading a paper version of this document, download the electronic version from the following URL: http://www.ieee-sofa.net

The simplest way to prepare your final paper is to overtype the text in this document with your paper's text. Alternatively, you can use your original paper with the appropriate stylefiles (*ieee.cls*, *sofa.sty* and *sofabib.bst*).

II. FORMATTING YOUR PAPER

The following section describes precisely the way to format your final paper before submitting it to SOFA 2005. If you have a question to which this document does not give the answer, use the general guidelines of the IEEE or ask your question in e-mail: trivent@trivent.hu. This is also the address where you should send the final version of your paper when you have finished.

A. General Formatting

All SOFA papers will be printed on A4 ($21 \times 29,7$ cm) size paper. The top and bottom margins should be set to 1 in, the left and right margins to 0.7 in. Except for the title, the authors and authors' affiliations, all text should be in a two-column format, with a column width of 3.45 in and a 0.2 in spacing between the two columns. This is automatically set by the attached style-file.

All text, including the headings, must be in the same font (Times New Roman, 10pt). If this font is not available on your system, use the font closest in appearance to Times New Roman. The *times* package is automatically loaded by the attached style-file.

Use US English spelling and punctuation throughout your paper.

B. Title, Authors, and Affiliations

Use the *title* command for the paper title (Times New Roman 14pt, boldface). A spacing of 60pt before and 24pt after the paper title is automatically set. Avoid having a title of more than two lines.

For the names of authors (*author* command) 12pt Times New Roman, regular font is used. If possible, type the full first names, not only the initials of each author.

The affiliations (*authorinfo* command) is 10pt in size, with 24pt space after it.

C. Headings

First level headings should be centered, all capitalized, and numbered with Roman numerals. A spacing of 12pt before and after first level headings is set.

Second level headings is aligned to the left, numbered with capital letters, not all capitalized, and in italics. The spacing before and after second level headings is set to be 12pt in height.

Try not to have third level headings in your paper. If for some reason you have to use third level headings, use the *paragraph* LaTeX command.

D. Text and Equations

Normal text is set to be Times New Roman, 10pt. Use single line spacing. The first line of each paragraph should be indented by 0.17 in.

Equations should look like this:

$$y(t) = A\sin(2\pi f t + \varphi). \tag{1}$$

If the equation is part of a sentence, use the appropriate punctuation after the equation.

Table I. Table Caption

Place here your table

Place here your figure

Fig. 1. Figure Caption

E. Tables and Figures

Table captions should be placed above the corresponding table, whereas figure captions should be placed below the corresponding figure. For table and figure captions sans serif font, 8pt size is used. Tables, figures and captions should all be centered.

Try to put tables and figures on the same page where you first refer to them. Put tables and figures to the bottom or the top of the page only. If the size of the table or figure makes it necessary, the table or figure may span both columns.

Tables and figures are numbered with Roman and Arabic numerals, respectively.

F. Citation and References

Citation of a book [1], a paper in a journal [2], a paper in a conference proceedings [3], a PhD thesis [4] and a manual from the Internet [5]. For the list of references use the *thebibliography* environment or the attached *BibTeX* style file. All paragraphs in the list of references is justified except for Internet references where paragraphs may also be aligned to the left if necessary (see the *manual* example in the *sofabibdb.bib* file).

G. What Not to Do

Do not use a header, a footer or page numbers in your document.

Do not change the font size, font spacing, line spacing, column height, width, or spacing, etc. to squeeze more text into the maximum 8 pages of your paper.

Try to use only italics for emphasis, *do not* underline (use the *emph* command).

Avoid headings of more than one line.

Do not use hyphenation except for *very* long words.

Do not use footnotes except for sponsor and financial support acknowledgments which should be placed in a single unnumbered footnote on the first page of your paper (use the *thanks* command in your authors section).

REFERENCES

[1] A. Editor, B. Editor, and C. Editor, Eds., *This is a book*, IEEE Press, 2003.
[2] A. Author, "How to refer to papers," *IEEE Trans. on IEEE*, vol. 1, no. 1, pp. 1–10, Jan. 2003.
[3] I. Sofa, B. Sofa, and C. Sofa, "A conference paper topology for SOFA workshops," in *Proc. of the IEEE International Workshop on Soft Computing Applications (SOFA'2005)*, Szeged-Hungary, Arad-Romania, 27–30 Aug. 2005, pp. 1–10.
[4] P. Hd, *PhD Thesis reference*, PhD thesis, University of PhDs, Budapest, Hungary, Sep. 2003.
[5] S. Ofa, *Author's Kit*, IEEE SOFA, Aug. 2005, URL: http://www.ieee-sofa.net/.