

PREPARATION OF PAPERS IN TWO-COLUMN FORMAT FOR THE SOC CONFERENCE

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ABSTRACT

The abstract is a 50-80 word synopsis of your paper, being used to provide a quick outline of your presentation while giving the reader an overview of the research. This is an important aspect of your paper as it is this description that may attract the reader to continue and finish your full report.

I. INTRODUCTION

The basic guidelines for preparing a camera-ready paper for the SOC Conference are provided in the following instructions, using desktop publishing equipment with several fonts.

Please follow these instructions as closely as possible to assist in publishing a uniform Digest. These instructions have been prepared in the preferred format.

II. HOW TO FORMAT THE PAGE

A. Page sizing - PDF checking

Prepare your paper in full-size format, on 8 1/2" x 11" (21.5cm x 27.9cm) paper. Please do not use A4 format for your PDF submission, as this will cause formatting problems for the proceedings. The paper will need to pass the IEEE PDF distiller program. Further details are in the general instructions.

B. Fonts

Best results will be obtained if your computer word-processor has several font sizes. Try to follow the font sizes specified in Table I as best as you can. As an aid to gauging font size, 1 point is about 0.35mm. Use the Arial font.

C. Format

In formatting your paper, set the top margin to 0.85 inch (22mm), bottom margin to 1.25 inch

(32mm) and left and right margins to 0.9 inches (22.8mm).

Table 1: Font Sizes for Camera-Ready Papers

Font Size	Bold	Italic	Text
10			Main Text, Authors Affiliations
10	Yes		Headings, i.e., ABSTRACT
12			Authors' names
14	Yes		PAPER TITLE
10		Yes	Subheadings, i.e., <i>Fonts</i>
8			References, tables, table names, table captions; fig captions, footnotes, sub/superscripts

The column width is 3.22 inches (82mm) with 0.3 inches (7mm) space between the two columns.

You should left- and right- justify your columns. On the last page of your paper, try to adjust the lengths of the two columns so that they are the same. You may use automatic hyphenation. Please do not forget to check spelling. Please adhere to English spelling conventions.

Please do not number the pages of your final manuscript.

III. ILLUSTRATIONS

Position figures and tables at the top and bottom of columns as much as possible. Large figures and tables may span both columns. Figure captions should be below the figures; table captions should be above the tables. Try to place the figures and tables after their first mention in the text. Use the abbreviation (e.g., "Fig. 1") even at the beginning of a sentence. The recommended number of figures is six or less. A four-page

manuscript with more than eight figures may become difficult to read.

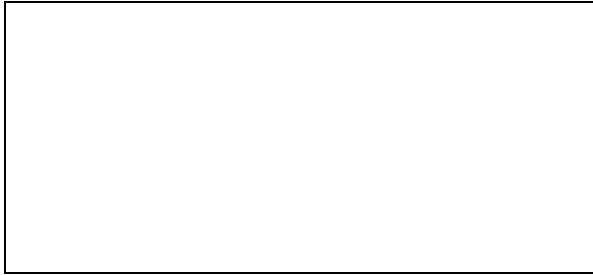


Figure 1: This is a Sample Figure. Captions Exceeding One Line Are Arranged Like This.

All halftone illustrations (pictures/photographs) should be clear black and white prints. Embed the images within the text.

IV. HELPFUL HINTS

A. References

List and number all references at the end of the paper. When referring to them in the text, type the corresponding reference number in parentheses as shown at the end of this sentence [1]. Number the citations consecutively. The sentence punctuation follows the parentheses. Do not use "Ref. [3]" or "reference [3]" except at the beginning of a sentence.

Number the footnotes separately in superscripts¹. Place the actual footnote at the bottom of the column in which it is cited. Do not put footnotes in the reference list.

Give all authors names; do not use "et al". It is not accepted to use references to unpublished papers at the time of submission of the final camera-ready paper. Such papers can be referenced in the initial manuscript, specifying the expected publication date (which must be before the conference date). Papers that have been accepted for publication should be cited as "in press". 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 first, followed by the original foreign-language citations.

Using web-pages as references is not accepted due to the transitory existence of such a reference.

¹: This is where the footnote would appear. Footnotes exceeding one line are arranged like this.

When referencing a text book, specify the pages of interest.

B. Abbreviations and Acronyms

Define abbreviations and acronyms the first time they are used. Acronyms such as MOSFET, ac and dc do not have to be defined. Redefine acronyms when first used in the text even if they have been defined in the paper.

C. Equations

Number equations consecutively with equation numbers in parentheses flush with the right margin, as in (1). To make your equations more complex, you may use the solidus (/), the exp function, or appropriate exponents. Italicize Roman symbols for quantities and variables, but not Greek symbols. Use a long dash rather than a hyphen for a minus sign. Use parentheses to avoid ambiguities in denominators. Punctuate equations with commas or periods when they are part of a sentence.

Be sure that the symbols in your equation have been defined before the equation appears or immediately following. When you refer to equations in the text, refer to (1). Do not use "Eq. (1)" or "Equation (1)" except at the beginning of a sentence: Equation (1) is used...

D. Other Recommendations

Use either one or two spaces between sections, and between text and tables or figures, or to manipulate the column length. Use two spaces after periods at the end of sentences (full stops).

REFERENCES

1. N. August and D.S. Ha, "Low Power Design of DCT and IDCT for Low Bit Rate Video Codecs" *IEEE Transactions on Multimedia*, Vol. 6, No. 3, pp.414-422, June 2004.
2. N.J. August, H.-J. Lee, and D. S. Ha, "An Efficient Multi-user UWB Receiver for Distributed Medium Access in Ad Hoc and Sensor Networks," *IEEE Radio and Wireless Conference*, pp. 455-458, September, 2004.
3. CRC Handbook of Chemistry and Physics (1992), 73rd edition, pp. 75-81, edited by D.R. Lide, CRC, Boca Raton, Florida.
4. M. Smith, "Title of paper," unpublished, to be published on 08/01/06, in "venue".
5. K. Rose, "Title of paper with only first word capitalized," in press

