AUTHOR GUIDELINES FOR IGARSS 2023 MANUSCRIPTS

Author(s) Name(s)

Author Affiliation(s)

ABSTRACT

The abstract should appear at the top of the left-hand column of text, about 0.5 inch (12 mm) below the title area and no more than 3.125 inches (80 mm) in length. Leave a 0.5 inch (12 mm) space between the end of the abstract and the beginning of the main text. The abstract should contain about 100 to 150 words, and should be identical to the abstract text submitted electronically along with the paper cover sheet. All manuscripts must be in English, printed in black ink.

Index Terms— One, two, three, four, five

1. INTRODUCTION

These guidelines include complete descriptions of the fonts, spacing, and related information for producing your proceedings manuscripts. Please follow them and if you have any questions, direct them to Conference Management Services, Inc.: Phone +1-979-846-6800 or email to papers@2023.ieeeigarss.org.

2. FORMATTING YOUR PAPER

All printed material, including text, illustrations, and charts, must be kept within a print area of 7 inches (178 mm) wide by 9 inches (229 mm) high. Do not write or print anything outside the print area. The top margin must be 1 inch (25 mm), except for the title page, and the left margin must be 0.75 inch (19 mm). All text must be in a two-column format. Columns are to be 3.39 inches (86 mm) wide, with a 0.24 inch (6 mm) space between them. Text must be fully justified.

3. PAGE TITLE SECTION

The paper title (on the first page) should begin 1.38 inches (35 mm) from the top edge of the page, centered, completely capitalized, and in Times 14-point, boldface type. The authors’ name(s) and affiliation(s) appear below the title in capital and lower case letters. Papers with multiple authors and affiliations may require two or more lines for this information.

4. TYPE-STYLE AND FONTS

To achieve the best rendering in the proceedings, we strongly encourage you to use Times-Roman font. In addition, this will give the proceedings a more uniform look. Use a font that is no smaller than ten point type throughout the paper, including figure captions.

In ten point type font, capital letters are 2 mm high. If you use the smallest point size, there should be no more than 3.2 lines/cm (8 lines/inch) vertically. This is a minimum spacing; 2.75 lines/cm (7 lines/inch) will make the paper much more readable. Larger type sizes require correspondingly larger vertical spacing. Please do not double-space your paper. True-Type 1 fonts are preferred.

The first paragraph in each section should not be indented, but all the following paragraphs within the section should be indented as these paragraphs demonstrate.

5. MAJOR HEADINGS

Major headings, for example, “1. Introduction”, should appear in all capital letters, bold face if possible, centered in the column, with one blank line before, and one blank line after. Use a period (‘.’) after the heading number, not a colon.

5.1. Subheadings

Subheadings should appear in lower case (initial word capitalized) in boldface. They should start at the left margin on a separate line.

5.1.1. Sub-subheadings

Sub-subheadings, as in this paragraph, are discouraged. However, if you must use them, they should appear in lower case (initial word capitalized) and start at the left margin on a separate line, with paragraph text beginning on the following line. They should be in italics.

6. PRINTING YOUR PAPER

Print your properly formatted text on high-quality, 8.5 x 11-inch white printer paper. A4 paper is also acceptable, but
please leave the extra 0.5 inch (12 mm) empty at the BOT-
TOM of the page and follow the top and left margins as spec-
ified. If the last page of your paper is only partially filled,
arrange the columns so that they are evenly balanced if possi-
ble, rather than having one long column.

In LaTeX, to start a new column (but not a new page) and
help balance the last-page column lengths, you can use the
command “\pagebreak” as demonstrated on this page (see the
LaTeX source below).

7. PAGE NUMBERING

Please do not paginate your paper. Page numbers, session
numbers, and conference identification will be inserted when
the paper is included in the proceedings.

8. ILLUSTRATIONS, GRAPHS, AND
PHOTOGRAPHS

Illustrations must appear within the designated margins. They
may span the two columns. If possible, position illustrations
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tom. Caption and number every illustration. All illustrations
should be clear when printed on a black-only printer. Color
may be used.

Since there are many ways, often incompatible, of includ-
ing images (e.g., with experimental results) in a LaTeX docu-
ment, below is an example of how to do this [1].

(a) Result 1

(b) Results 3

(c) Result 4

Fig. 1. Example of placing a figure with experimental results.

9. FOOTNOTES

Use footnotes sparingly (or not at all!) and place them at the
bottom of the column on the page on which they are refer-
cenced. Use Times 9-point type, single-spaced. To help your
readers, avoid using footnotes altogether and include neces-
sary peripheral observations in the text (within parentheses, if
you prefer, as in this sentence).

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11. REFERENCES

List and number all bibliographical references at the end of
the paper. The references can be numbered in alphabetic order
or in order of appearance in the document. When referring to
them in the text, type the corresponding reference number in
square brackets as shown at the end of this sentence [2].

12. REFERENCES
