ICIP/ICASSP PAPER TEMPLATE

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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 — LaTeX, Template

1. INTRODUCTION

These guidelines include complete descriptions of the fonts, spacing, and related information for producing your proceedings manuscripts [1, 2]. Please follow them and if you have any questions, direct them to Conference Management Services, Inc.: Phone +1-979-846-6800 or email to `ip17@securecms.com`.

2. 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.

2.1. Subheadings

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

2.1.1. 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.

3. 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.

$$2\pi\phi_i(\boldsymbol{r}_i) = +\frac{\varepsilon_1}{\varepsilon_2}\sum_{j=1}^{N_p}(\boldsymbol{r}_j)\sqrt{\int_{\Gamma_j}\frac{e^{-\kappa|\boldsymbol{r}_i-\boldsymbol{r}'|}}{|\boldsymbol{r}_i-\boldsymbol{r}'|}d\Gamma'} \qquad (1)$$

4. 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. Please note that papers should not be submitted blind; include the authors' names on the PDF.

5. TYPE-STYLE AND FONTS

To achieve the best rendering both in printed proceedings and electronic 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 nine point type throughout the paper, including figure captions.

In nine 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. TrueType or Postscript 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.

6. EXAMPLES OF FIGURES AND TABLES

Illustrations must appear within the designated margins. They may span the two columns. If possible, position illustrations at the top of columns, rather than in the middle or at the bottom. Caption and number every illustration. All halftone illustrations must be clear black and white prints. Colors may be used, but they should be selected so as to be readable when printed on a black-only printer.

Since there are many ways, often incompatible, of including images (e.g., with experimental results) in a LaTeX document. Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat
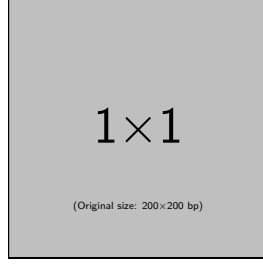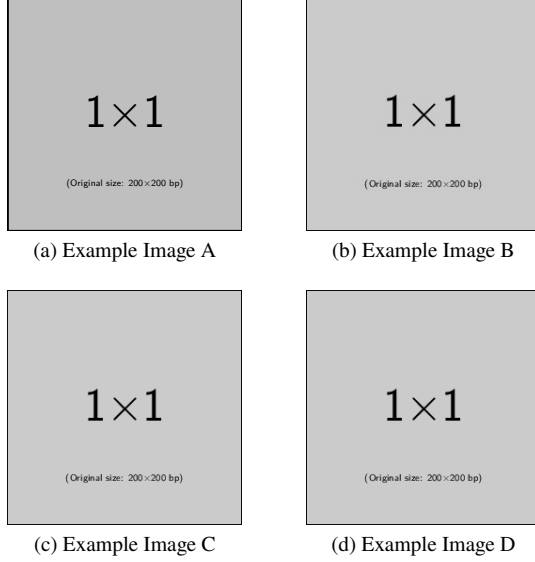
Fig. 1. A example of includeing single figure.

(a) Example Image A

(b) Example Image B

(c) Example Image C

(d) Example Image D

Fig. 2. An Example of a Figure

Table 1: An Example of a Table

	Number of Occurences					
	0	1	2	3	4	5 and more
Scheme 1	10	11	Flag 0			
Scheme 2	10	110	111	Flag 0		
Scheme 3	10	110	1110	1111	Flag 0	
Scheme 4	10	110	1110	11110	11111	Flag 0

Algorithm 1 An Example of an Algorithm

Require: $n \geq 0$
Ensure: $y = x^n$
1: $S \leftarrow 0$
2: **if** Condition **then**
3:     Do something.
4: **else**
5:     Do something.
6: **end if**
7: **for** $i = 0$ **to** 10 **do**
8:     Carry out some processing.
9: **end for**
10: **return** S

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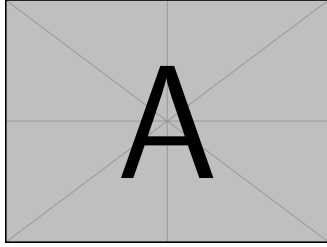
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7. AN EXAMPLE OF FLOATING ALGORITHM

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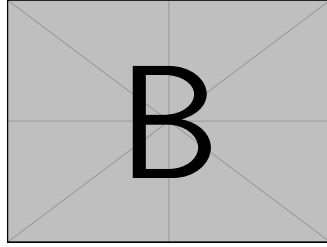
8. REFERENCES

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 [1, 2]. An additional final page (the fifth page, in most cases) is allowed, but must contain only references to the prior literature.
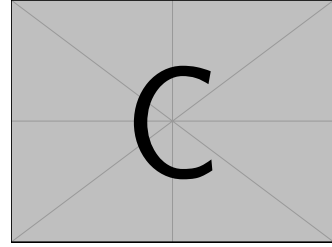
9. CONCLUSION

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(a) Example Image A (b) Example Image B (c) Example Image C

Fig. 3. An Example of a Figure

10. REFERENCES

[1] C.D. Jones, A.B. Smith, and E.F. Roberts, "Article title," in *Proceedings Title*. IEEE, 2003, vol. II, pp. 803–806.

[2] A.B. Smith, C.D. Jones, and E.F. Roberts, "Article title," *Journal*, vol. 62, pp. 291–294, January 1920.