

SPIE proceedings manuscript sample (A4 size)

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ABSTRACT

Begin the abstract two lines below author names and addresses. The abstract summarizes key findings in the paper in 250 words or less. For the **keywords**, select up to 8 key terms for a search on your manuscript's subject.

Keywords: Times Roman, image area, acronyms, references

1. INTRODUCTION

1.1 Margins

If the paper does not have the margins shown in Table 1, it will not upload properly.

Table 1. Margins and print area specifications.

PAPER MARGINS			
A4		Letter	
Top margin	2.54 cm (<i>1in.</i>)	Top margin	1.0 in. (<i>2.54 cm</i>)
Bottom margin	4.94 cm (<i>1.95 in.</i>)	Bottom margin	1.25 in. (<i>3.17 cm</i>)
Left, right margin	1.925 cm (<i>.76 in.</i>)	Left, right margin	.875 in. (<i>2.22 cm</i>)
<u>Printable area--all text, figures and footnotes:</u>			
A4:	17.15×22.23 cm	Letter :	6.75×8.75 in.

1.2 Fonts

Table 2 shows the font sizes and highlighting in a typical manuscript. These font "styles" are contained with this sample manuscript and Section 4 below explains how to use them. Use Times Roman or another standard font to avoid font errors.

1.3 Figures and captions

Figures are centered. Use or insert .jpg, .tiff, or .gif illustrations instead of PowerPoint or graphic constructions. Captions go below figures. Indent 5 spaces from left margin and justify.



Figure 1. Figure captions are indented 5 spaces and justified. If you are familiar with Word styles, you can insert a field code called Seq figure which automatically numbers your figures.

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Table 2. Manuscript font sizes and formatting. This Microsoft Word template includes these formats as automated "styles," which can be selected in the Format menu -- Styles and Formatting. (9pt)

Preformatted SPIE Template Styles	
<i>Manuscript component</i>	<i>Description</i>
SPIE paper title	16 pt. bold, center
SPIE authors/affiliations	12 pt., center
Keywords: *Keywords*	10 pt., left justify
SPIE ABSTRACT TITLE	11 PT. BOLD, center
SPIE abstract body text	10 pt., justify
SPIE SECTION HEADING	11 pt. BOLD, center, whole numbers
1.1 Heading 2, SPIE subsection heading	10 pt. bold, left justify, subsection numbers
SPIE body text	10 pt., justify
SPIE figure caption	9 pt., justify below figure
SPIE table caption	9 pt., justify above figure
SPIE footnote text	9 pt., justify, numbered
REFERENCE HEADING	11 pt. BOLD, center
1. SPIE reference listing	10 pt., justify, numbered in brackets

2. MATHEMATICAL EQUATIONS

Use common fonts like Times Roman in your math equations. A math reference in a paragraph sentence such as $\alpha \theta \frac{\rho}{s}$ is not numbered. The steps of a mathematical argument can be numbered using a right-aligned tab for clarity, for example

$$\alpha = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a} \quad (1)$$

and

$$\rho = \sum (x - x')^2. \quad (2)$$

2.1 Tables and captions

Tables are centered. The caption goes above the table. The caption text should indent 5 spaces from left margin and justify. Table examples are on page 1 and 2 and below.

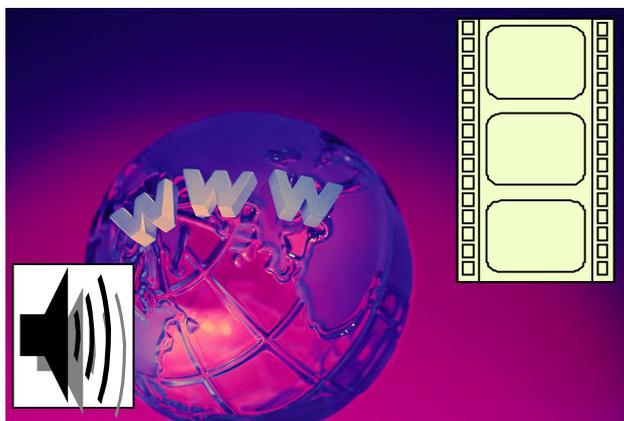
Table 3. Information on video and audio files that can accompany a manuscript submission.

Item	Video	Audio
File name	Video1, video2, ...	Audio1, audio2, ...
Number of files	0-10	0-10
Size of each file	max. 5 mb	max. 5mb
File types accepted	.mpeg, .mov (Quicktime), .wmv	.wav, .mp3

3. MULTIMEDIA FIGURES – VIDEO AND AUDIO FILES

Video and audio files can be included for publication. Table 3 lists the specifications for the multimedia files. Use a screenshot or another .jpg illustration for placement in the text. Use the file name to begin the caption. The text of the caption must end with the text "<http://dx.doi.org/doi.number.goes.here>" which tells the SPIE editor where to insert the hyperlink in the digital version of the manuscript.

Here is a sample illustration and caption for a multimedia file:



Video 2. A label of "Video/Audio 1, 2, ..." should appear at the beginning of the caption to indicate to which multimedia file it is linked. Include this text at the end of the caption: <http://dx.doi.org/doi.number.goes.here>

4. USING THIS TEMPLATE AND ITS AUTOMATIC FORMATTING

This document template and more information is available on SPIE.org:

<http://spie.org/x14101.xml> or by emailing authorhelp@spie.org

REFERENCES

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- [6] FamilyName, GivenName Initial., "Title," Source, pg# (year).