# The Title Goes Here with Each Initial Letter Capitalized (Use the Microsoft Word template style: *Paper Title*)

Author’s Name1, a) and Author’s Name2, 3, b)(Use the Microsoft Word template style: *Paper Author*)

1(Use the Microsoft Word template style: Author Affiliation) Replace this text with an author’s affiliation
(use complete addresses). Note the use of superscript “a)” to indicate the author’s e-mail address below.
Use b), c), etc. to indicate e-mail addresses for more than 1 author.
2Additional affiliations should be indicated by
superscript numbers 2, 3, etc. as shown above.

3You would list an author’s second affiliation here.

a)Corresponding author: your@emailaddress.xxxb)anotherauthor@thisaddress.yyy
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**Abstract.** The article template has many predefined paragraph styles for you to use/apply as you write your paper. To format your abstract, use the Microsoft Word template style: *Abstract*. Each paper *must* include an abstract. Begin the abstract with the word “Abstract” followed by a period in bold font, and then continue with a normal 9 point font.

# first, second, and third level headings (first level heading)(Use the Microsoft Word template style: *Heading 1*)

This document was prepared using the template for Microsoft Word. It provides a simple example of a paper and offers guidelines for preparing your article. Here we introduce the paragraph styles for Level 1, Level 2, and Level 3 headings. Please note the following:

* In this template we note whether each heading is Level 1, 2, or 3 – for example, “(Second Level Heading).” This is for guidance only; your article headings will, of course, not need those notations.
* Under each heading we have noted which paragraph style to use – for example, “(Use the Microsoft Word template style: Heading 2).” Again, those notes are not part of the headings. Their purpose is to advise you of the name of the style defined in the AIP Proceedings Word template.

To format a paragraph, use the Microsoft Word template style: *Paragraph*.

**Do not include any headers, footers, or page numbers in your document.** They will be added to your article PDF, *so please do not amend this template to add them to your paper.*

## The Template Paragraph Styles (Second Level Heading)(Use the Microsoft Word template style: *Heading 2*)

## Formatting and Inserting Equations (Second Level Heading)(Use the Microsoft Word template style: *Heading 2*)

Equations should be centered with equation numbers on the right-hand side (flush right). Achieving a pleasing layout of equations can be tricky in Microsoft Word, so here are some tips. You can either:

1. Copy, paste, and edit the sample equation provided (recommended), or
2. Manually insert an equation and equation number

### Copy, Paste, and Edit a Sample Equation (Third Level Heading)(Use the Microsoft Word template style: Heading 3)

To use this “Old Style Equation” as a “template,” highlight the entire line, then use cut and paste to the new location. Note that the equation number will automatically update (increment).

 

# OTHER SPECIFICATIONS (first level heading)(Use the Microsoft Word template style: *Heading 1*)

Figures, tables, and equations must be inserted in the text and may not be grouped at the end of the paper. Important: A miscount of figures, tables, or equations may result from revisions. Please double check the numbering of these elements before you submit your paper to your proceedings editor.

## Figures (Second Level Heading) (Use the Microsoft Word template style: *Heading 2*)

If you need to arrange a number of figures, a good tip is to place them in a table, which gives you additional control of the layout. Leave a line space between your figure and any text above it, like this one:

|  |  |
| --- | --- |
|  |  |
| (a) | (b) |

**Figure 1.** To format a figure caption use the Microsoft Word template style: *Figure Caption*. The text “**FIGURE 1,**” which
labels the caption, should be bold and in upper case. If figures have more than one part, each part should be labeled (a), (b), etc. Using a table, as in the above example, helps you control the layout

Cite all figures in the text consecutively. The word “Figure” should be spelled out if it is the first word of the sentence and abbreviated as “Fig.” elsewhere in the text. Place the figures as close as possible to their first mention in the text at the top or bottom of the page with the figure caption positioned below, all centered. Figures must be inserted in the text and may not follow the Reference section. Set figure captions in 9 point size, Times Roman font. Type the word “**FIGURE 1**.” in bold uppercase, followed by a period.

### Color Figures (Third Level Heading) (Use the Microsoft Word template style: Heading 3)

## Tables (Second Level Heading)(Use the Microsoft Word template style: *Heading 2*)

Due to the wide range and complexity of tables, we simply offer an example for guidance. Please follow the style for table (and figure) captions.

|  |
| --- |
| **TABLE 1.** To format a table caption, use the Microsoft Word template style: *Table Caption*. The text “**TABLE 1,**” which labels the caption, should be bold and all letters capitalized. Center this text above the Table. Tables should have top and bottom rules, and a rule separating the column heads from the rest of the table only. |
| **Column Header Goes Here** | **Column Header Goes Here** | **Column Header Goes Here** |
| Row Name Here | x | x |
| Row Name Here | x | x |
| Row Name Here | x | x |

# Acknowledgments(Use the Microsoft Word template style: *Heading 1*)

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The reference section will follow the “Acknowledgment” section. References should be numbered using Arabic numerals followed by a period (.) as shown below, and should follow the format in the below examples.

# References(Use the Microsoft Word template style: *Heading 1*)

1. M. P. Brown and K. Austin, *The New Physique* (Publisher Name, Publisher City, 2005), pp. 25–30.
2. M. P. Brown and K. Austin, Appl. Phys. Letters **85**, 2503–2504 (2004).
3. R. T. Wang, “Title of Chapter,” in *Classic Physiques*, edited by R. B. Hamil (Publisher Name, Publisher City, 1999), pp. 212–213.
4. C. D. Smith and E. F. Jones, “Load-cycling in cubic press,” in *Shock Compression of Condensed Matter-2001*, AIP Conference Proceedings 620, edited by M. D. Furnish *et al*. (American Institute of Physics, Melville, NY, 2002), pp. 651–654.
5. B. R. Jackson and T. Pitman, U.S. Patent No. 6,345,224 (8 July 2004)
6. D. L. Davids, “Recovery effects in binary aluminum alloys,” Ph.D. thesis, Harvard University, 1998.
7. R. C. Mikkelson (private communication).