ASP Author Template

Sample Author1,[1] Sample Author2,[2] and Sample Author3[3]

[1]*Institution Name, Institution City, State/Province, Country;*
`AuthorEmail@email.edu`

[2]*Institution Name, Institution City, State/Province, Country;*
`AuthorEmail@email.edu`

[3]*Institution Name, Institution City, State/Province, Country;*
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Abstract. This is the Astronomical Society of the Pacific (ASP) 2021 author template file. This sample author template includes some common LaTeX 2$_\varepsilon$ formatting examples and the ASP author checklist.

1. The Template

To fill in this template, make sure that you read and follow the ASPCS Instructions for Authors and Editors available for download online.[1] Further hints and tips for including graphics, tables, citations, and other formatting helps are available there.

1.1. The Author Checklist

The following checklist should be followed when writing a submission to a conference proceedings to be published by the ASP.

☐ Article is within page limitations set by editor.

☐ Paper compiles properly without errors or warnings.

☐ No fundamental modifications to the basic template are present, including special definitions, special macros, packages, `\vspace` commands, font adjustments, etc.

☐ Commented-out text has been removed.

☐ Author and shortened title running heads are proper for the paper and shortened so page number is within the margin.

☐ Paper checked for general questions of format and style, including, but not limited to, the following:

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[1]Most URLs should be in a footnote like this one. In this case, you can download the online material from `http://www.aspbooks.org`.

- □ capitalization, layout, and length of running heads, titles and sections/subsections;

- □ page numbers within margin;

- □ author names spelled correctly and full postal addresses given;

- □ abstracts;

- □ all margins—left, right, top and bottom;

- □ standard font size and no Type 3 fonts;

- □ spacing;

- □ section headings.

□ All tables are correctly positioned within margins, are properly formatted, and are referred to in the text.

□ All figures are correctly positioned within margins, are minimum 300 dpi resolution, not too dark or too light, do not contain embedded fonts, and are referred to in the text. All labeling or text will be legible with 10% reduction. Questionable images printed, checked, and replaced if necessary. Figures do not cover text or running heads, and proper permissions have been granted and acknowledged. For ease of integration and to minimize the size of the figure files, it is highly recommended that 'eps' files not be used in favor of 'png' or 'jpg' image files.

□ All acknowledgments and discussions are in proper format.

□ If there are acknowledgments at the end of the article, ensure that the author has used the `\acknowledgments` command and not the commands `\begin{Acknowledgments}`, `\end{Acknowledgments}`. Acknowledgments should only be used for thanking institutions, groups, and individuals who have directly contributed to the work.

□ All references quoted in the text are listed in the bibliography; all items in the bibliography have been referred to in the text.

□ All bibliography entries are in the proper format, using one of the referencing styles given. Each of the references is bibliographically complete, including full names of authors, editors, publishers, place of publication, page numbers, years, etc. If using BibTEX a complete BibTEX file is ready to submit to the editor.

□ References to preprints replaced with publication information when possible.

2. Compiling

It is highly recommended that all figures be non-'eps' format, i.e., 'png' or 'jpg.' For this case, compiling this article is done simply by using the command `pdflatex` at least twice on the command line from inside the same folder as the article LaTeX '.tex' file. If there are references to 'eps' image files, pdfLaTeX will not work, and the images should be converted to a non-'eps' type of image file format.

3. Text

Sometimes you just need to have different styles of fonts. *Sometimes you just need to have different styles of fonts.* **Sometimes you just need to have different styles of fonts.**

Sometimes you just need to have different sizes of fonts. Sometimes you just need to have different sizes of fonts. Sometimes you just need to have different sizes of fonts. It would be very rare to require larger fonts within an ASP volume.

4. Math

Sometimes authors include formulas inside the main text which should always be enclosed within $ signs. Look at the Pythagorean Formula $a^2 + b^2 = c^2$.

Sometimes authors include formulas on their own lines. This example uses the `displaymath` environment which does not include an equation number. To include an equation number, use the `equation` environment.

$$c = \sqrt{a^2 + b^2} \qquad \text{Pythagorean Theorem}$$

5. Lists

There are a lot of ways to make lists including itemized lists with bullets (`\begin{itemize}`), numbered lists (`\begin{enumerate}`), and description lists (`\begin{description}`). This is an example of an itemized list.

5.1. Itemized Lists

Here is an itemized list:

- Item 1

- Item 2

6. Table

Here is an example table that has three colums with various justification and row spacing.

Table 1.   Tables in LaTeX 2_ε

First Column	Second Column	Third Column:
First Row, First Column	First Row, Second Column	First Row, Third Column
Second Row, First Column	Second Row, Second Column	Second Row, Third Column
Third Row, First Column	Third Row, Second Column	Third Row, Third Column

These tables can get a little messy, but this format is the most common.

7.   Images

For some figures, see Figures 1- 2. These figures have been converted to the 'png' image format. Notice that the references to the figures do not need to include the file extension and that the pdfLaTeX compiler recognizes the non-'eps' image files.

Figure 1.   Welcome to 1953. Size adjusted to be a little smaller than full.

Figure 2.   Now there are two of them. *Left:* An image from long ago. *Right:* The same exact thing.

There are also the landscape versions `\articlelandscapefigure` and other image commands that are further described in the instructions.

Acknowledgments. The ASP would like to the thank the dedicated researchers who are publishing with the ASP. Keep this text on the same line as the `\acknowledgements` command because it makes things a lot easier.

References

The first reference. This reference may span the width of the page and should be in the format described in the instructions.

The second reference. This reference may also span the width of the page and should be in the format described in the instructions.

The third reference. If there is a URL in here make sure to put it in the right way.
See `http://www.somewhere.com/see_there's%still_characters_here`