

# Instructions to Authors for the Preparation of Written Papers for the Nineth Australian Space Science Conference

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**Summary:** The purpose of this document is to provide an example of how authors must format their 9th ASSC papers when produced under L<sup>A</sup>T<sub>E</sub>X using IEEEtran.cls version 1.7 and later. The summary should be a self-contained and explicit overview of the paper with a clear statement of the principal conclusions reached. It should be at least 100 words, but must not exceed 150 words in length. It is single spaced, even justified across the full width of the page and starts two 12 point line spaces down from the author affiliation list.

**Keywords:** list up to eight words or groups of words in order of priority, separated by commas, which will be used for indexing purposes do not use general terms like aeronautics.

## Introduction

A written version of a paper presented at the 9th ASSC meeting can be submitted for peer review and, ideally, publication in the CD-ROM proceedings. Note that there is no necessity to submit a written paper. However, all Proceedings papers will be fully peer-reviewed and the Proceedings will have an ISBN number.

Authors are encouraged to be concise and the maximum length of a paper is 12 pages.

The paper must be submitted in PDF format, with the layout and fonts as described by this document. The PDF file must be submitted on line using the NSSA web site,

[www.nssa.com.au/ocs/index.php?cf=11](http://www.nssa.com.au/ocs/index.php?cf=11) or emailed to

[asscconference@nssa.com.au](mailto:asscconference@nssa.com.au)

The PDF document can be prepared using Microsoft Word (see elsewhere) or using LaTeX with the guidelines supplied in the document you are reading now.

## Using LaTeX to prepare your submission

A simple way to use LaTeX with the guidelines in this document to prepare your submission in PDF format is to use the TeX source file for these guidelines as a template.

1) Download the Zip file

<http://www.nssa.com.au/9assc/downloads/9ASSC-Latex.zip>

and unzip it into a working directory. The Zip file contains the files:

README	A brief version of the instructions in this section.
bare_conf.pdf	A copy of these guidelines in PDF format.
bare_conf.tex	The TeX source for these guidelines.
IEEEtranASSC.cls	The LaTeX class file for the <code>IEEEtranASSC</code> document class, which is used by the TeX source.

2) Place the file `IEEEtranASSC.cls` into one of the directories in the path specified by your `$TEXINPUTS` environment variable, or just leave it in your working directory. 3) Use the file `9ASSC-Latex-Guidelines.tex` as a starting point, leave the formatting intact, and remove the content, replacing it with your own. 4)

You need to ensure that the line:

```
\documentclass[a4paper, onecolumn, 12pt, assc]{IEEEtranASSC}
```

remains as it is, with the options as stated, since they are not the default options. 5) Check that the formatting of the resulting PDF file conforms to the description provided in the remainder of this document.

## For more detailed instructions

For more options, tips and examples, see the LaTeX commands and the comments in the file `9ASSC-Latex-Guidelines.tex`.

The document class `IEEEtranASSC` is based on `IEEEtran`. Detailed documentation on `IEEEtran` is available from

[www.ctan.org/tex-archive/macros/latex/contrib/IEEEtran/](http://www.ctan.org/tex-archive/macros/latex/contrib/IEEEtran/)

See, in particular, `IEEEtran_HOWTO.pdf` for details.

Note that `IEEEtranASSC` is not the same as `IEEEtran`. The `assc` option and its corresponding document format do not exist in `IEEEtran`, so much of `IEEEtran_HOWTO.pdf` is not applicable.

## Document format

### Fonts

The entire paper is prepared using 12 point Times New Roman font, with the exceptions of the

title of the paper which is 18 point in size (and any superscripts which are 10 point) and section headings which are 14 point. The paper title and all section and sub-section headings, including the summary and keywords headings, are bold. Third order headings, table and figure captions, and author affiliations are italicised and not bold.

### **Page Format**

Papers are prepared on virtual A4 (297 x 210 mm) paper. The top and side margins are 25 mm and the bottom margin is 18 mm. The spacing between lines is 12 point line space, except for before section titles where two line spaces are inserted.

### **Notation, Units and Equations**

The extensive use of symbols, abbreviations, acronyms or other special nomenclature should be minimised. Rather than list them at the beginning of the paper, they must be defined when first used. SI units must be used throughout the paper, although equivalents in any other consistent system may be given in parentheses.

#### *Equations*

All forms of equations are centred and numbered consecutively with Arabic numerals as they appear in the text of the paper. The first equation is referred to in the text as (1) and is presented as follows:

$$e^{ix} + 1 = 0. (1)$$

### **Tables and Figures**

Tables and figures must be integrated with the text and numbered consecutively with Arabic numerals in the order in which reference is made to them in the text of the paper. All captions must be italicised and centrally located above a table and below a figure. The first table or figure caption would be referred to in the text as Table 1 or Fig. 1 and be presented as follows:

*Table 1: The first table in the paper*

One	Two
Three	Four

*Fig. 1: The first figure in the paper*

## *Colour Tables and Figures*

Authors are encouraged to use colour in the preparation of their tables and figures, as this enhances the appearance of papers in the CD-ROM form of the proceedings. As mentioned above, the file from which the paper was produced must be submitted.

### **Paper Submission**

Papers MUST be submitted on line using the NSSA site,

<http://www.nssa.com.au/ocs/index.php?cf=10>

## **Conclusion**

### **Final Sections**

The paper should conclude with the following bold section titles (centrally located): conclusion; acknowledgments (if appropriate); and references. A single reference is cited in the text as [1], multiple references as [1, 2] etc.

## **Acknowledgments**

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## **References**

- [1] OBrien, T.K. and Salpekar, S.A., "Scale Effects on the Transverse Tensile Strength of Graphite/Epoxy Composites", *Composite Materials: Testing and Design (Eleventh Volume), ASTM STP 1206*, Camponeschi, E.T., Jr, Ed., American Society for Testing and Materials, Philadelphia, 1993, pp. 23-52.
- [2] Falzon, P.J., Herszberg, I. and Karbhari, V.M., "Effects of Compaction on the Stiffness and Strength of Plain Weave Fabric RTM Composites", *Journal of Composite Materials*, Vol. 30, No. 11, 1996, pp. 1210-1247.
- [3] Scott, M.L. and Cheung, A.K.H., "Postbuckling Performance of a Co-Cured Carbon Fibre Composite Aileron", *Proceedings of the Tenth International Conference on Composite Materials*, Whistler, British Columbia, Canada, August 14-18, 1995, Vol. III: Processing and Manufacturing, Poursartip, A. and Street, K.N., Eds, pp. 725-732.
- [4] Jones, R.M., *Mechanics of Composite Materials*, International Student Edition, McGraw-Hill Kogakusha Ltd, Tokyo, 1975.