**18th Australasian Fluid Mechanics Conference:**

**Instructions to Authors Sample Paper**

**J.P. Denier1, P.V. Lanspeary2 and S.E. Norris3**

**1**Department of Applied Mathematics

Adelaide University, South Australia 5005, Australia

2Department of Mechanical Engineering

University of Adelaide, Adelaide, South Australia 5005, Australia

3Department of Mechanical Engineering

University of Auckland, Auckland 1142, New Zealand

**Abstract**

Include a brief abstract here.

**Introduction**

The conference proceedings will be published from “camera-ready copy”. For reasons of uniformity, all papers must adhere to the format as defined by the appropriate document template.

The organising committee will accept papers formatted using either the LaTeX or Microsoft Word templates available on the web at

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Particular attention should be given to the formatting style used in this “template”. Papers that do not conform to this style will **NOT** be published.

For authors who use Microsoft Word to prepare a paper, this file serves as an “instructions to authors” and it is the document template for 18AFMC papers. Authors may begin by editing this file

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Please upload a MS Word or PDF file of your paper for review to the 18AFMC web site <http://www.18afmc.com>.au by the due date, 17th August 2012.

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**Title and Authors**

The title should be in lower case with the first letter of major words capitalised. Avoid forcing a line-break unless absolutely necessary. Author affiliations should consist of “Department, Institution, City, State, Post-code, Country”. Author affiliations should be noted using a superscript.

**Section Headings**

And Subsection Headings

Section and subsection headings should be in lower case with the first letter of major words in upper case. Do not use subsubsections.

**Figures and Tables**

Figures and Tables should appear in the text near to where they are first referenced. They should be centred between the margins, and must not fall outside of the normal printed area of the page which is 170mm wide by 248mm high. The font size for all numbers and letters in the figure, as it appears in your paper, must be at least as large as that for the running headings. Put table captions below the table, and figure captions below the figure. Refer to figures and tables as in “figure 1, table 1”.

|  |  |  |
| --- | --- | --- |
| Problem A | | |
| **40 × 80** | **80 × 80** | **160 × 160** |
| 129 | 258 | 387 |
| 0.179 | 0.700 | 4.468 |
| 2.8E-6 | 3.2E-6 | 3.1E-6 |

Table 1. This is an example of a table. Note that its width does not exceed the width of this column and the table caption is in 8pt Times.

The proceedings will be distributed on a USB memory stick so colour figures and illustrations can be included. However, please try, where possible, to ensure that the details are still clear in black and white copies.

Some care should be taken when reducing the size of figures; make sure that the figure and all labels are still legible.

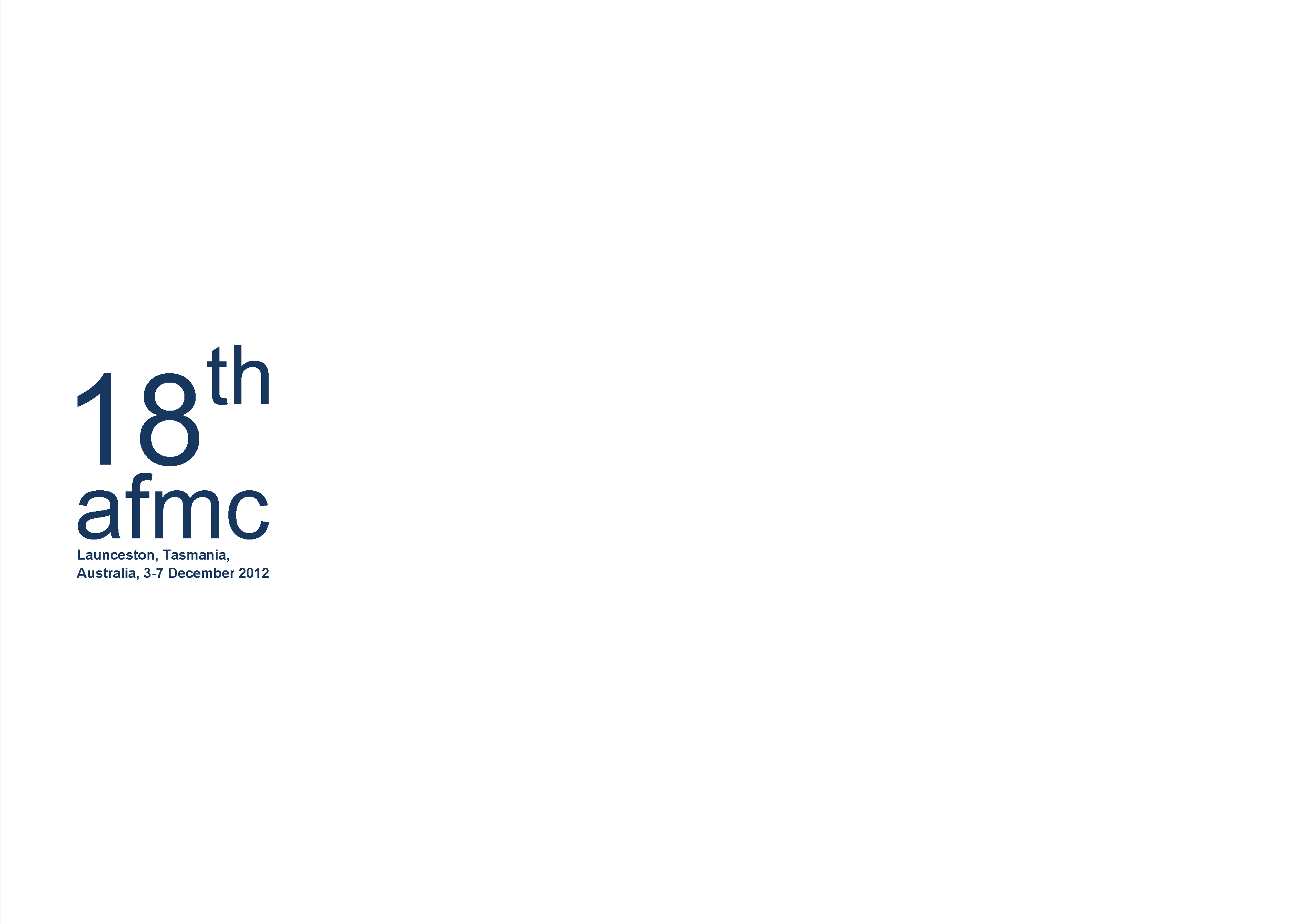


Figure 1. This figure has been inserted into the word file as a png. It is the conference logo and is an example of a coloured figured inserted into the text of the paper. You should note that the figure is centred, its width does not exceed the width of the column and this figure caption is in 8pt Times.

**Equations**

Equations will be centred with a number flush against the right margin as in

 (1)

and this equation would be referred to as “equation (1)”.

Care should be taken when splitting equations up over more than one line



 (2)

**Miscellaneous Points**

* Try to avoid isolated lines of text where, for example, a paragraph spills over a page. Often a slight rewording resolves the problem.
* Avoid wasted white space around figures or a last page that is almost empty.
* Use quotation marks correctly, as in “correct”, not ”incorrect”.
* Use a hyphen (-) for compound words (two-dimensional), an en-dash to link numbers, nouns or names (Navier–Stokes, pages 27–85), and an em-dash to link clauses or sentences—like this.
* Use a × to represent multiplication in text, not x.
* Resist the temptation to use footnotes.

**Format for References**

The references are listed in alphabetical order (by first author) and formatted as shown by the examples at the end of this paper. They may be referred to by the reference number alone, or by the author(s) together with the reference number as in “[2] is a book, [3] is an article in a proceedings, [4] is an edited book, and reference Cooley and Tukey [1] is an article in a journal.” Multiple citations should be written as [1,4].

**Conclusions**

You should include a brief conclusion section which summarizes the results of your paper.

**Acknowledgments**

Any acknowledgments should appear immediately before the references. This template is modified from one for the 14th AFMC in Adelaide 2001.

**References**

1. Cooley, J.W. & Tukey, J.W., An Algorithm for the Machine Computation of Complex Fourier Series, *Math. Comp.*,**19**, 1965, 297-301.
2. Goosens, M., Mittlebach, F. & Samarin, A., *The LaTeX Companion*, Addison-Wesley, 1994.
3. McCormick, S., Multilevel Projection Methodology, in *Computational Techniques and Applications: CTAC93*, editors D. Stewart, H. Gardner and D. Singleton, World Scientific, 1994, 54-57.
4. Rosenhead, L. (editor) *Laminar Boundary Layers* Oxford, Clarendon Press, 1963.