# Microsoft Word Template for 23AFMC Manuscripts

**First Author [1], Second Author [1*] and Third Author [2]**

[1] School of Civil Engineering, The University of Sydney, Sydney, NSW 2006, Australia

[2] School of Aerospace, Mechanical and Mechatronic Engineering, The University of Sydney, Sydney, NSW 2006, Australia

* Email: corresponding.author@sydney.edu.au

## Abstract

Include a brief abstract of about 200 words.

## 1. Introduction

All manuscripts to be submitted to the 23AFMC must follow the template in Microsoft Word format (this file) or LaTeX format. Papers that do not conform to this style will **NOT** be accepted. Microsoft Word users may edit this file directly to prepare manuscripts for 23AFMC.

Manuscripts should be prepared for A4 paper size with 2-cm margins on each side. They are organised in numbered sections and subsections. Avoid having sub-subsections whenever possible. Section headings should be in bold 12-point Arial font and in lower case with the first letter of major words capitalised. Regular texts are in 12-point Times New Roman font.

## 2. Page Limits

The page limit is 6-8 pages (minimum 6 pages) for contributed papers and 12 pages for invited papers. Papers that exceed the page limits will be returned to the authors for shortening. Include Submission ID in the Paper No shown in the header (*i.e.*, replace '###' with the Submission ID). All pages except for the first page should be numbered as shown in this template.

## 3. Other Formatting Requirements

### 3.1 Title, Author and Affiliation

The title is in a 14-point bold Arial font and in lower case with the first letter of major words capitalised. The names of authors are in a 10-point bold Arial font. The authors' affiliations are also in 10-point Arial font. They include "Department, Institution, City, State, Postcode, Country" and are identified using superscripts. The email of the corresponding author should be given as shown by the example above.

### 3.2 Equations

Equations must be centred with a number flush against the right margin as shown below.

$$\frac{\partial \overline{u_i}}{\partial t} + \frac{\partial \overline{u_i u_j}}{\partial x_j} = -\frac{1}{\rho}\frac{\partial \overline{p}}{\partial x_i} + \nu \frac{\partial^2 \overline{u_i}}{\partial x_j \partial x_j} - \frac{\partial \tau_{ij}}{\partial x_j}, \tag{1}$$

$$\frac{\partial \overline{u_i}}{\partial x_i} = 0. \tag{2}$$

The above equations should be referred to as "Equation (1)" and "Equation (2)", respectively. Care should be taken when splitting equations up over more than one line.

### 3.3 Figures and Tables

Figures and tables are centred on the page, and the width of them should not exceed the width of

the text. Texts in tables and figures should have a minimum size equivalent to font size 10. Colours may be used in figures and tables. Figure and table captions are in 11-point Times New Roman font. Put captions below tables and figures. Figures and tables must be sequentially numbered and are referred to as in "Figure 1" and "Table 1". Care should be taken when reducing the size of figures. Make sure that the figure and all text labels in the figure are still legible.

| Mesh | No. of cells | $C_D$ | $C_L'$ | $St$ |
|------|--------------|-------|--------|------|
| M1   | 16,192       | 1.538 | 1.034  | 0.245 |
| M2   | 64,792       | 1.546 | 1.053  | 0.241 |
| M3   | 261,600      | 1.547 | 1.064  | 0.239 |

Table 1. Note that the width of the table does not exceed the width of the text, and the table is centred on the page. The table caption is in 11-point Times New Roman font.
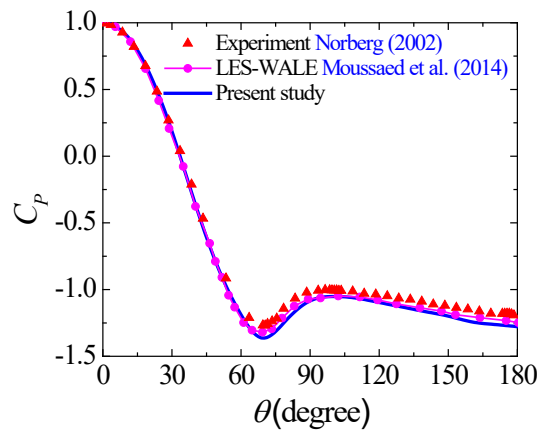


Figure 1. Note that the figure is centred, its width does not exceed the width of the text, and this figure caption is in 11-point Times New Roman font.

### 3.4 References

References are listed in alphabetical order by first author and formatted as shown for journal articles (Cooley & Tukey 1965), conference proceedings (McCormick 1994), books (Goosens *et al.* 1994) and edited books (Rosenhead 1963) at the end of this template. All papers included in the References section must be cited in the article, and vice versa.

## 4. Conclusions

Include a brief conclusion section to summarize the major findings of the study.

## Acknowledgments

Acknowledgments should appear immediately before the references.

## References

Cooley, J.W. & Tukey, J.W. 1965, An Algorithm for the Machine Computation of Complex Fourier Series, *Math. Comp.*,**19**, 297-301.

Goosens, M., Mittlebach, F. & Samarin, A. 1994, *The LaTeX Companion*, Addison-Wesley.

McCormick, S. 1994, Multilevel Projection Methodology, in *Computational Techniques and Applications: CTAC93*, editors D. Stewart, H. Gardner and D. Singleton, World Scientific, 54-57.

Rosenhead, L. (editor) 1963, *Laminar Boundary Layers,* Oxford, Clarendon Press.