Manuscript Preparation Instructions for Publishing in Fluid Dynamics & Materials Processing (FDMP)

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Abstract: This document summarizes the instructions to authors for typesetting their papers for publishing in Fluid Dynamics & Materials Processing (FDMP). All authors are requested to adhere to these instructions, in order to avoid delays in the typesetting phase, once the paper is accepted for publication. This short document can be viewed as a sample paper; and will assist the authors in manuscript-preparation.

Keywords: Manuscript, preparation, typeset, format, FDMP.

1 Typesetting software

Authors are requested to submit electronic versions of their manuscripts in order to facilitate an accurate typesetting, once the papers are accepted for publication. Manuscripts must be submitted in a medium, which is accessible under Microsoft Windows, such as 3.5" floppy diskettes in PC format, CD-R, or Zip disks in PC format. Manuscripts which are typeset using either LaTex, or Microsoft Word, are acceptable. Authors are encouraged to use either the customized LaTeX macro or the template for Microsoft Word, both of which can be down-loaded from the web-site: http://www.techscience.com/fdmp/, to prepare the final version of their manuscripts. Authors are requested to submit the manuscript in LaTeX source files (including the non-standard macro packages used), or in a Word Document Format, to facilitate tyepsetting. Authors are also encouraged to submit a copy of manuscript in either postscript format or in PDF format along with the source files for the manuscript for proof reading purposes. Authors may elect to submit two versions of their manuscript, one for the printed version of FDMP, and the other for the on-line version of FDMP. Illustrations in colour may be used only in the on-line version of FDMP.

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2   Organization of a paper

A paper for publication in FDMP must contain a title, names and affiliations of the authors, a list of keywords, a brief abstract at the beginning of the main body, a conclusion section at the end of main body, and a list of references that follows the conclusions section.

In the main body of the paper, three different levels of headings (for sections, subsections, and subsubsections) may be used. The typesetting style for these headings is presented in the next section.

3   Text layout

The paper must be in a one-column format. The text should be placed in a body area that is 5in in width and 7.5in in height. The page size should be set to 7in×10in.

Use Times 11 point size, single spacing, except for the heading as outlined below. Use roman type throughout, except for some mathematical symbols etc.

The title of the paper should be in bold, Times 14 point size at the top of the document as illustrated. This should be followed by all the authors' names. Affiliations of the authors should be presented as footnotes. Footnotes should be numbered consecutively in arabic numbers. The index of the footnotes, in superscript, should be placed in the upper-right corner of the word that is to be annotated. Here is an example[1]. The title, and the authors' names, should be centered in the document.

3.1   Headings

The first section should be labeled Abstract; and should contain a brief description of the contents of the paper. The section of abstract should not be numbered. Subsequent sections should be numbered consecutively in arabic numbers, starting from 1.

Level one headings for sections should be in bold; and be flushed to the left. Level one heading should be numbered using arabic numbers, such as 1, 2, ...

Level two headings for subsections should be in bold-italic; and be flushed to the left. Level two headings should be numbered after the level one heading. For example, the second level two heading under the third level one heading should be numbered as 3.2.

Level three headings should be in italic; and be flushed to the left. Similarly, the level three headings should be numbered after the level two headings, such as 3.2.1, 3.2.2, etc.

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[1] This is a footnote.

3.2 Equations and mathematical expressions

Two different types of styles can be used for equations and mathematical expressions. They are: in-line style, and display style.

3.2.1 In-line style

In-line equations/expressions are embedded in paragraphs of the text. For example, $E = mc^2$. In-line equations should not be numbered .

3.2.2 Display style

Equations in display format are separated from the paragraphs of text. They should be flushed to the left margin. These equations should be numbered consecutively using arabic numbers. See Eq. 1 for an example.

$$E = mc^2 \tag{1}$$

3.3 Figures

Figures (diagrams and photographs) should also be numbered consecutively using arabic numbers. They should be placed in the text soon after the point where they are referenced. Figures should be centered in a column; and should have a figure caption placed underneath. Captions should be centered in the column, in the format "**Figure 1**: The text caption . . . ", where the number of the figure follows the key word **Figure**, followed by the text caption. Illustrations must be submitted in digital format, with a good resolution. See Fig. 1.
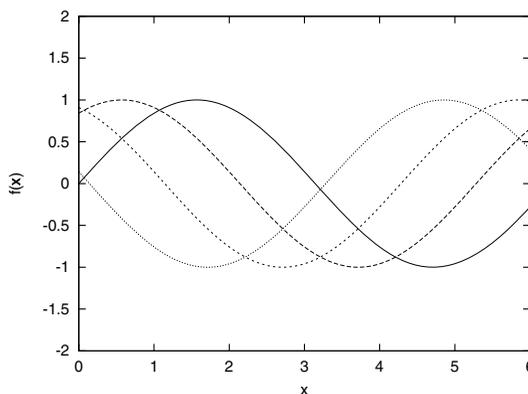

Figure 1: Some functions of *x*

3.4 Tables

Tables should also be numbered consecutively using arabic numbers. They should be placed in the text soon after the point where they are referenced. Tables should be centered in a column and should have a table caption placed above. Captions should centered in the column in the format "**Table 1**: The text caption ...", where the number of the figure follows the key word **Table**, followed by the text caption. See Tab. 1.

Table 1: Table caption

1	2	3
11	12	13
21	22	23

4   Citations

The author-year format of citation must be used for the references. Please cite all the authors' names; please avoid the use of "et al". No citation to the page number should be used. Citation to the figures should be in the format of Fig. 1. Citation to the tables should be in the format of Tab. 1.

- good

- bad

5   References

All references should be listed at the end of the paper [Atluri and Zhu (1998); Lappa (2005)]. The names of the authors should be in bold, with the last name(s) first. The year in which the paper is published follows the name(s) of the author(s). Journal and book titles should be in italic [Atluri (2004)].

References

Atluri, S. N. (2004):   *The Meshless Local Petrov-Galerkin (MLPG) Method*. Tech. Science Press.

Atluri, S. N.; Zhu, T. (1998):   A new meshless local Petrov-Galerkin (MLPG) approach in computational mechanics. *Comput. Mech.*, vol. 22, pp. 117–127.

Lappa, M. (2005): On the nature and structure of possible three-dimensional steady flows in closed and open parallelepipedic and cubical containers under different heating conditions and driving forces. *FDMP: Fluid Dynamics & Materials Processing*, vol. 1, no. 1, pp. 1–22.

Appendix A: Example of appendix

Some text here.