

**Instructions to Authors for Preparation of the Full-Length Manuscript to be  
Submitted for Review  
[Final accepted paper will have to be submitted exactly in the same format]**

\*First Author, Second Author and so on .....(if the affiliation is same)

Department/Division  
Organisation/Institute  
Zip/Pin Code  
Email

Next Author, and so on .....(for different affiliation)

Department/Division  
Organisation/Institute  
Zip/Pin Code  
Email

### **1. Paper Length & Size**

Each contributed paper, including figures and tables, should be limited to 10 pages. The paper size should be 21 x 29.7 cm (standard A4). The top, bottom, left and right margins of all pages must be 2.0 cm. The paper should be submitted in two column format with each column of width and spacing 8.0 cm x 0.99 cm respectively. Every page should contain the header as shown above (top right corner).

### **2. Paper Submission**

Please submit the manuscript (limited to 10 pages & maximum of 10MB) in the specified MS word .doc format only and has to be sent as a mail attachment on or before 30 September 2008

### **3. Organization of the Paper**

The paper should preferably be organized in the following order:

- ❖ Title
- ❖ Author affiliation
- ❖ Abstract
- ❖ Nomenclature

\* Corresponding author

- ❖ Body of paper together with figures and tables
- ❖ Conclusions
- ❖ Acknowledgements
- ❖ References
- ❖ Appendices

### **4. Title**

The title of the paper should be concise and definitive. It should be centered and should be in title case, bold with 14 font size in Times New Roman. Allow two single spaces between the title and the first author name. Follow immediately below, and on a separate line, with his/her affiliation. Allow one single space between the first affiliation and the second affiliation. 12 font size in Times New Roman should be used for the names and 10 font size in Times New Roman for the affiliations.

### **5. Abstract**

A short abstract preferably about 150 words should open the paper. The purposes of an abstract are to give a clear indication of the objective, scope, and results of the paper so that readers may determine whether the full text will be of particular interest to them. Four to five keywords should be included following the abstract. These instructions are prepared in accordance with the style to be followed.

## **6. Nomenclature**

Nomenclature should follow customary usage. The nomenclature list should be in alphabetical order (capital letters first, followed by lowercase letters), followed by any Greek symbols, with subscripts and superscripts last, identified with headings.

All symbols in the nomenclature should be defined in the text. The nomenclature should list, in detail and unambiguously, the symbols used in the text and their definitions. Do not use the same symbol for two or more different meanings or definition. Use distinctly different symbols. Similarly, do not use more than one symbol for one variable/parameter. Each dimensional symbol must have SI units mentioned at the end. All dimensionless groups and coefficients must be indicated as dimensionless after their definitions.

## **7. Body of the Paper – Text**

The text should be organized in to logical parts or sections, sequentially numbered. The sub-sections can be numbered separated with points, ex. 2.1, 3.2 etc. Illustrations and tables, where they help clarify the meaning or are necessary to demonstrate results properly, are desirable, but they should be kept to a practicable minimum. Detailed drawings, lengthy test data and calculations, and photographs that may be interesting, but which are not integral to the understanding of the subject, should be omitted.

It is of the greatest importance that all technical, scientific, and mathematical information contained in the paper be checked with utmost care. A slight error may result in a serious error on the part of anyone who may later use that information. SI units should be used at all places in the paper wherever other units are given preference for some specific reason, the SI equivalent should be provided in parentheses.

Indent paragraphs five spaces, and do not leave extra space between paragraphs. Columns on the last page of the paper should be of equal length.. Use Times New Roman font , size 10 for all your text. Use single spacing. The figure legends and captions also should be of this size in the paper. Type the first-value head in title case, bold (12 font size in Times New Roman), flush with the left hand margin of the column. Put them on a line sparate from the text,

leaving two line of space above and one line space below. Do not leave any space below the second-value head (in title case 10 font size in Times New Roman bold). Leave one line of space above the second value head.

### **7.1 Equations**

Number all the equations in a sequence from (1) to the end of the paper, including appendices, if any.

### **7.2 Figures and Tables**

- ❖ Briefly and descriptively title each table and caption each figure. Place table title above the table; place figure captions below the figure.
- ❖ Refer to each table and figure in the text. Place tables and figures in the order mentioned in text, at the top or bottom of the page, as close as possible to the text reference.
- ❖ Allow one line of space between the table title and the table (or between the figure and its caption): allow two lines space between the table or figure and the adjacent text.
- ❖ In general, tables and figures should not repeat data elsewhere in the paper.
- ❖ Nomenclature and abbreviations should agree with forms used elsewhere in the paper.
- ❖ Number consecutively with single arabic numerals (e.g. Fig.1, Table 1).
- ❖ Center tables and figures horizontally within one column or both columns.
- ❖ The figure/table caption should be properly centered.
- ❖ High-quality reproduction of illustrations depend on the condition of the original art work. It should be prepared as carefully as the text.
- ❖ Except the rare figure that contains an unusual amount of detailed information, all figures should occupy not more than half a page.
- ❖ Images of photographs, photostats, or reprints of drawings may be used if they are of high-quality with sharp, even lines and lettering. Scanning is possible.

### **7.3 Permissions**

Please make sure that you have the right to publish everything in your paper.

#### **7.4 Footnotes**

Footnotes are designated by superscript symbols such as<sup>1</sup> etc. actual footnotes are typed on the same page on which they are mentioned.

#### **8 References**

Literature references should be cited in text with the reference number in square brackets (e.g. [10]) and grouped at the end of the section in numerical order of appearance. The second and following citation of a reference should use the original reference number.

In text, if authors names are cited, write authors name if one, both authors name if two, or the first authors name with "et al." if three or more. In the reference list, cite all the names. Abbreviate journal title according to standard forms.

Style the reference list according to the following examples (note especially that article and chapter titles are included).

##### **(Journal Articles)**

1. J.Kim and P.Moin, Application of a fractional step method to incompressible Navier-Stokes equations, *J. Comput. Phys.* **59**, 308-323, 1985.

##### **(Books)**

2. W.M. Kays and A.L. London, *Compact Heat Exchangers*, 2nd Ed., McGraw-Hill, New York, 1984.

##### **(Papers in Edited Books)**

3. D. Japikse, Advances in Thermosyphon Technology, in *Advances in Heat Transfer*, J.P.Hartnett and T.F. Irvine, Jr., Eds, Vol.9, pp 1-111 Academic Press New York 1973.

##### **(Symposium Proceedings)**

4. R.G. Morgan and D.L. Schultz, Infrared Scanning in Transient Wind Tunnels, Third Australian Conference on Heat and Mass Transfer, Univ. Melbourne, pp 241-247, 1985

##### **(Reports)**

5. Y.Zvirin, A Review of Natural Circulation Loops in Pressurized water Reactors and Other Systems, EPRI Report NP-16776-SR, 1981.

##### **(Unpublished Papers)**

6. C. Weierman, J. Taborek, and W.J. Marner, Comparison of the Performance of Inline and Staggered Banks of Tubes with Segmented Fins, Presented at the 15<sup>th</sup> National Heat Transfer Conference, San Francisco, AIChE Paper No. 7, 1975

##### **(Thesis)**

7. R.S. Abhari, An experimental study of the unsteady heat transfer in a film cooled fully scaled transonic turbine stage, Ph.D. Thesis, Massachusetts Institute of Technology, USA, 1991.