

PREPARATION OF FULL PAPER MANUSCRIPT FOR ISTP-33

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Keywords: Heat transfer; Experiment, CFD, Vortex, Turbulent flow (five words in maximum)

ABSTRACT

The ISTP-33 Proceedings will be produced from manuscripts in PDF format. You should use the following guidelines for the preparation of your manuscript. Papers not meeting these requirements may not appear in the Proceedings. Please make sure to have your manuscript written in grammatically correct English and free of all spelling and typing errors. This MS-Word document can be used as a template.

INTRODUCTION

The overall length of the paper, including all figures, tables and references, must be less than **8 pages (8-page in maximum)**. The typing area must be set according to this template. Type the text **single-spaced in two columns** only.

New paragraphs should have an indent of 5mm. When the paper is ready, create a PDF file with 600 dpi and upper resolution and submit this PDF file from the ISTP-33 website (Submission page). Please upload your full paper manuscript through “EasyChair” as the same as the abstract submission.

ORGANIZATION

A short abstract no more than **400 words** should state briefly the aim, methods and results **and be limited to a single paragraph**. Define abbreviations and acronyms the first time they are used. Footnotes should be typed by symbols, * or **, at the bottom of the page within the frame.

Structure of Paper

Papers should have the following structure: Title, Name(s) of author(s) and affiliation(s), Abstract, Main Text, Conclusions, Acknowledgements (if appropriate), Nomenclature, References, and Appendices (if appropriate)

HEADING CATEGORIES

- **TITLE** (type in bold capitals)
- **MAIN SECTIONS** (type in bold capitals) and newline
- **Sub-Headings** (type in bold lower case) and newline
- Sub-sub heading (type in lower case with underline), no newline

Formatting

In formatting the page for an A4-sized paper, set top and bottom margin and column margin along this template with justify both columns. If your MS-Word program uses

English unit as default, you can change it to metric at Tools/Options/General/Measurement units.

Fonts

Title: 11 point Arial or Helvetica, **bold, all capitals**.

Author: 10 point Arial or Helvetica, all capitals.

Affiliation: 10 or 9.5 point Times New Roman or Times, lower case.

Main text: 10 point Times New Roman or Times.

Units and Equations

All data should be reported in **SI units**. Equations should be typed. In the text, equation should be referred to as Eq.(1). Align left for each equation and allow **appropriate spacing** above and below, as:

$$\frac{1}{\alpha} \frac{\partial T}{\partial t} = - \frac{\partial^2 T}{\partial x^2} \quad (1)$$

Tables, Figures and Photographs

Briefly and descriptively title each table and caption each figure. Place table title above the table and figure caption below the figure. The labels of figures and tables should preferably follow the following style.

Table 1. Experimental data

Product	<i>Cucumber</i>	<i>Apple</i>
Shape	Cylinder	Sphere
Fluid	Water	Air
Flow velocity (m/s)	0.05	6.6

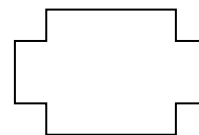


Figure 1. Sketch of the sample.

Refer to each table and figure in the text. Place tables and figures in the order mentioned in the text as close as possible to text reference. Allow **appropriate spacing** (single spacing recommended) between the table or figure and the adjacent text, and no space between the table title and table (or between figure caption and figure). Tables and figures should not repeat data available elsewhere in the paper. Number them consecutively with single Arabic numerals (e.g., Figure

1, Table 1). **Please fit figures, tables, and photographs in one column if possible. Figures and tables can be placed crossing columns if necessary** such as series data of visualization. Do not reduce figures or tables to a size at which their labels will be difficult to read. Please make the length of both columns equal on the last page.

NOMENCLATURE

c_p : specific heat	[J/(kg · K)]
h : heat transfer coefficient	[W/(m ² · K)]
ρ : density	[kg/m ³]

Subscripts

s : surrounding fluid

REFERENCES

- (1) Jonsson, G.R., Lalot, S., Palsson, O.P. and Desmet, B. (2007): "Use of extended Kalman filtering in detecting fouling in heat exchangers". *International Journal of Heat and Mass Transfer*, Vol. 50, pp. 2643-2655.
- (2) Authors, (year): "Paper title". *Name of Journal*, Vol. No., pp-pp.
- (3) Authors, (year): "Paper title". *Name of Proceedings or Name of conference/symposium*, Paper No., number of pages (e.g., 8pages)

When citation of papers in the main body of your manuscript, please express as below;

.....Jonsson⁽¹⁾ et al. reported...