# Instructions for Authors: Preparation of Manuscript Submission to 2015 Special Issue, J.JSEM

Yuji TANABE<sup>1</sup> and Hiroshi TAKAHASHI<sup>2</sup>

<sup>1</sup> Department of Mechanical and Production Engineering, Niigata University, Niigata 950-2181, Japan Graduate School of Environmental Studies, Tohoku University, Sendai 980-8579, Japan

(Received XX January 2015; received in revised form YY April 2015; accepted ZZ June 2015)\*

# For the rest of the paper, please use Times New Roman 10 pt in the main body of a text.

# Abstract

This document explains and demonstrates how to prepare your manuscript for 2015 Special Issue of Journal of JSEM. Authors are strongly advised to read these instructions to rigorously follow the outline of this text.

#### **Key words**

Camera-Ready Copy, Electronic Data, Font Instruction, Manuscript Format, Reference Style (minimum 5 words)

#### 1. Introduction

All manuscripts must be written in English. Please keep a second copy of your manuscript in your office (just in case anything gets lost in editorial process). When receiving the manuscript, we assume that the corresponding authors grant us the copyright to use the manuscript for the book or journal in question. A formal Copyright Transfer Agreement form will be sent before final acceptance is given. Should authors use Tables or Figures from other Publications [1, 2], they must ask the corresponding publishers to grant them the right to publish this material in their paper.

The overall length of the paper, including Figures and Tables, is recommended to be **6 pages**. The typing area must be **175mmx245mm**. Type the text **single-sided** and **single-spaced** in two columns.

New paragraphs should have an indent of **3** columns. This MS-Word document can be used as a template. Please submit the *pdf* file of your paper to the Secretariat of ISEM through e-mail (address given below). If you have any inquiry, please contact:

## **Contact address**

## Secretariat of ISEM: isem9\_2015@mech.ous.ac.jp

## 2. Organization of the Text

A short abstract not more than **20** lines should state briefly the aim, methods and results as a paragraph. Define abbreviations and acronyms the first time they are used. Footnotes should be avoided wherever possible.

# 2.1 Structure of paper

Papers should have the following structure: Title, Name(s) of author(s) and affiliation, Abstract, Main Text (Introduction, Experimental Technique (and Theory), Method, Results, Discussion, Conclusion(s)), Nomenclature, Acknowledgement(s) (if any), References, Appendix (if any).

## Heading categories

- Main Sections (type in bold capitals)
- **Sub-headings** (type in bold lower case)
- Sub-subheadings (type in italic lower case)

## 2.1.1 Formatting

In formatting the page for an **A4**-sized paper, set top margin at 22mm and bottom margin at 28mm; left and right margins at 17mm. The column width is 83mm. The space between the two columns is 10mm. Justify the both columns.

#### 2.1.2 Fonts

Title: Times New Roman 11 pt, bold. Author: Times New Roman 10 pt Affiliation: Times New Roman 10 pt Main text: Times New Roman 10 pt

#### 2.1.3 *Units and equations*

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

$$(\partial T/\partial x + \partial T/\partial x) = (1/k)(\partial T/\partial t) \tag{1}$$

Equations (refer with: Eq.(1), Eq.(2), ...) should be indented 5 mm (0.2"). The equations have to be numbered sequentially, and the number put in parentheses at the right-hand edge of the text.

#### 2.2 Tables

Tables (refer with: Table 1, Table 2, ...) should be presented as part of the text, but in such a way as to avoid confusion with the text. The Table caption should be self-contained and placed *above* the Table. Units in Tables should be given in square brackets such as [mV].

Table 1 Caption of table

Retardation [nm]	Fringe order	Observed color	
0	0	Black	
400	0.73	Yellow	
650	1.19	Blue	

## 2.3 Figures

Figures (refer with: Fig.1, Fig.2, ...) also should be presented as part of the text, leaving enough space so that the caption will not be confused with the text. The Figure caption should be self-contained and placed *below* the Figure. Generally, only original drawings or photographic reproductions are acceptable. Avoid photographs, if absolutely necessary, they are permitted. Please fit Figures, Tables, and Photographs in one column if possible. Do not

reduce Figures or Tables to a size at which their labels will be difficult to read. All reference styles [3-6] used for citation are given at the end of this manuscript format.

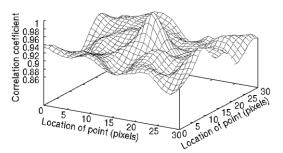


Fig.1 Caption of figure in relation between correlation coefficient and location of point (Note axes labels)

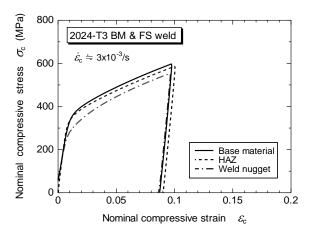


Fig.2 Nominal compressive stress-strain curves for base material, HAZ and weld nugget (Note boxed frame)

## **Nomenclature** (in alphabetical order)

 $c_p$  specific heat [J/kgK]

h heat transfer coefficient  $[W/m^2K]$ 

 $\rho$  density [kg/m<sup>3</sup>]

(in Greek alphabetical order)

Subscripts (in alphabetical order)

f surrounding fluid m mean

## Acknowledgement

The support provided by the INOUE Science Promotion Foundation, Tokyo, is gratefully appreciated.

## References

- [1] Frocht, M.M. and Guernsey, Jr.: Further Work on the General Three-Dimensional Photoelastic Problem, *J. Appl. Mech.*, **22**-6 (1995), 183-189.
- [2] Chao, Y.J. and Sutton, M.A.: Accurate Measurement of Two- and Three-Dimensional Surface Deformations for Fracture Specimens by Computer Vision, *Experimental Techniques in Fracture* (Epstein, J.S ed.), VCH Publishers (1993), 59-93.
- [3] Dally, J.W.: Experimental Stress Analysis, McGraw-Hill (1978), 374-388.
- [4] Yoshida, J., Kumagai, T. and Iguchi, M.: Effect of Local Wettability Change on Liquid Plug Length in Microgravity (in Japanese), *J. JSEM*, **4**-2 (2004), 25-29.
- [5] Ohtaki, S., Matsumoto, N. and Kasayama, H.: Photoelastic Coating Experiment of Perforated Plate Subjected to Biaxial Tension, Proc. 12th International Conference on Experimental Mechanics (2004), 10-11.
- [6] Rys, T., Chen, L. and Sankar, B.: Mixed Mode Fracture Toughness of Laminated Stitched Composites, CD-ROM Proc. 2004 SEM X International Congress and Exposition on Experimental and Applied Mechanics (2004).

# **Appendix**

\* Please insert three blank lines below the affiliation line on the first page. The inside of the parenthesis ( ) is used for filling in the dates of receipt for the original manuscript and the revised manuscript after submission. The final acceptance date will be provided by the Editorial and Refereeing Committee.