

## Manuscript Preparation for Proceedings of ICMDT 2015

Author Name1\*, Author Name2\*\* and Author Name3\*\*

\*Affiliation1

Address1, Japan

\*\*Affiliation2

Address2, Japan

Corresponding author's E-mail address: xxx@xxx.ac.jp

**Abstract:** This is an authors' guide for the preparation of Proceedings of ICMDT 2015. Authors are required to use a *Microsoft Word template file* to produce fully formatted camera-ready manuscripts. The template provides predefined *Style* formats which allows the authors to easily set style and layout of necessary elements in their manuscripts.

**Keywords:** Mechanical engineering, Machine element, Actuator, Manufacturing, Design, Tribology.

### 1. Overview

Authors should prepare manuscripts in the form of *Microsoft WORD* documents, and convert them into *Adobe pdf file* format for submission. This document is a guideline for the preparation of the manuscripts for the Proceedings of ICMDT 2015 and doubles as a template for *Microsoft WORD*.

### 2. Format

Text should be within the dimensions shown on these pages; each column width should be 75 mm with 10 mm space between columns. Total width should be 160 mm. The left and right margins should be 25 mm, the upper margin should be 25 mm except on the first page, and the lower margin 30 mm. Upper margin for the first page should be 40 mm to provide space for the headers. The space is provided in the template. Use 10 pt Times New Roman font with 1.0 line spacing for body text. **The manuscript for the proceedings should not exceed 2 printed pages.**

#### 2.1 Header and footer

Special header on the first page is predefined in this template. Other information such as page numbers should not be included in the header and footer region.

#### 2.2 Paper Title and author(s)

Title should be centered on full width of the first page with spacing; one extra line from page top to title and one extra line from title to author(s). The font used for title is 14 pt boldface Times New Roman.

Author name(s) and affiliation(s) are also centered on full width of page using 12 pt Times New Roman by formatted using style "Contributor names". One extra line should be inserted between author name(s) and affiliation(s).

#### 2.3 Abstract and Keywords

Start the paper with a short abstract using the style format "Abstract." Abstract should be less than 250 words. Provide Keywords on a separate line at the end of the abstract. Separate Abstract and Keywords with a single blank line.

#### 2.4 Headings

First level headings are set to 10 pt boldface Times New Roman, and 2nd level headings are 10 pt Times New Roman. Both can be set by using style format included in this template: "section title" and "subsection title", respectively.

#### 2.5 References

Reference number in the text should be enclosed in square brackets, for example, [1].

### 3. Mathematical expressions

All mathematical expressions should be included in the manuscript. Care should be taken to distinguish between capital and lowercase letters, between zero "0" and the letter "O", between the numerical "1" and the letter "l", etc. Mathematical expressions should fit into a single column when set in type. Equations that might extend beyond the width of one column (fractions that should not be broken or long expressions enclosed in parentheses) should be rephrased to go on two or more lines

within column width.

Fractional powers are preferred to root signs and should always be used in more elaborate formulas. The solidus “/” should be used instead of the horizontal line for fractions whenever possible. Numbers that identify mathematical expressions should be enclosed in parentheses. Refer to equations in the text as “Eq. (1)”, or “Equation (1)” at the beginning of a sentence.

$$\frac{\partial}{\partial x} \left( \frac{\rho h^3}{\eta} \frac{\partial p}{\partial x} \right) + \frac{\partial}{\partial y} \left( \frac{\rho h^3}{\eta} \frac{\partial p}{\partial y} \right) = 6u \frac{\partial}{\partial x} (\rho h) \quad (1)$$

#### 4. Graphics

Only images of PostScript (PS), Encapsulated PostScript (EPS, using either Arial or Times Roman fonts), TIFF (lzw compressed), jpeg and Bitmap files can be accepted. Color images may be used but the proceedings will not be printed in color so the graphics should be legible in black and white.

It is important that the following instructions should be followed precisely for the graphics files to be utilized in the proceedings.

Final published size: single-column illustration = 70 mm (width), 220 mm (maximum height); two-column illustration (full page width) = 150 mm width, 220 mm (maximum height).

Ensure that line weights will be 0.5 pt or greater in the final published size. Line weights below 0.5 pt will reproduce poorly.

Set the graphic for 600 dpi resolution for line art, 264 dpi for halftones, and 600 dpi for combinations (line art + halftone).

#### 5. Tables

All tables should be numbered consecutively and have a caption consisting of the table number and a brief title. This number should be used when referring to the table in text.

Tables may be inserted as part of the text, or included on a separate page immediately following of as close as possible to its first reference.

Final published size: Single-column table = 70 mm (width), 220 mm (maximum length); Two-column table (full page width) = 155 mm width, 220 mm (maximum length).

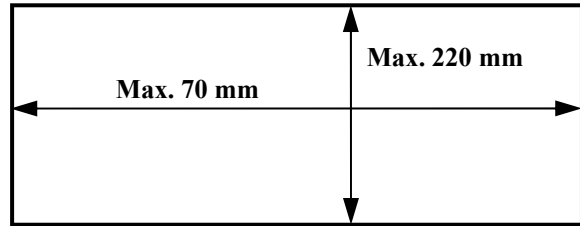


Fig. 2 One-column illustration

#### 6. Submission

The manuscripts should be converted to Adobe pdf file format before being submitted as follows:

a) Create the pdf file by the following settings:

- General  
resolution: 2400 dpi, page width: 210 mm, height: 297 mm
- Compression  
grayscale images; bicubic downsampling: 264 dpi, compression: jpeg, quality: maximum  
monochrome images; bicubic downsampling: 600 dpi, compression: ccitt group 4
- Fonts  
Embed all fonts
- File size  
The pdf file should not exceed 5 MB.

b) Submit the pdf file no later than February 28, 2015 by uploading the file at the conference web site. In order to enter the uploading page, Paper ID # and password will be required. If you have forgotten the password please ask by email at: info@ICMDT2015.org

#### 7. References

- [1] Ning, X., and Lovell, M. R., “On the Sliding Friction Characteristics of Unidirectional Continuous FRP Composites,” ASME J. Tribol., 124(1) (2002) pp. 5-13.
- [2] Ando, Y., “Applying Microfabrication Technologies to Tribology Study,” Proc. ICMDT2013, (2013) pp. 6-7.
- [3] Smith, A. C., Lubrication Mechanism, U.S. Patent 9876543 (1990)
- [4] Jones, J., Contact Mechanics, Cambridge University Press, Cambridge, UK, Chap. 6 (2000)

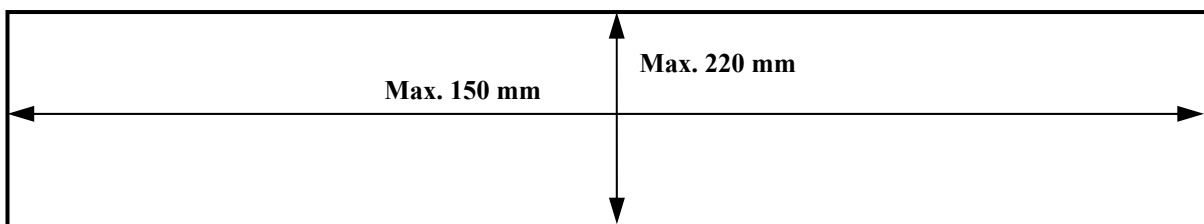


Fig. 1 Two-column illustration