Manuscript Preparation for Proceedings of ICMDT 2025

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**Abstract:** This is an authors’ guide for the preparation of Proceedings of ICMDT 2025. 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 manuscripts. Abstract should be less than 250 words. This “**Abstract**” can be omitted when the number of total pages is one.

Keywords: Machine element, Actuator, Manufacturing, Design, Tribology.

# Overview

This document is a guideline for the preparation of the manuscripts for the Proceedings of ICMDT 2025 and doubles as a template for *Microsoft WORD*.

Authors should prepare manuscripts in the form of *Microsoft WORD* documents, and convert them into *Adobe pdf file* format for submission. The pdf file should not exceed 3 MB. Please use the manuscript upload system on the conference website, https://amarys-jtb.jp/icmdt2025/

If you have any questions, please ask by email at: icmdt2025@jsme.or.jp

# Format

Text should be within the dimensions shown on these pages; 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. Proceedings manuscripts should be 1 or 2 pages long.

## 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.

## 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 form 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 from author name(s) and affiliation(s).

## Abstract and Keywords

If start the paper with a one-column “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.

## 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.

## References

Reference number in the text should be enclosed in brackets [1].

# 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.

　 (1)

# Graphics and tables

Color images can be used. 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).

All figures and tables should be captioned with a consecutive number and a brief title. This number will be used to refer to the table in the text. Figures and tables may be inserted as part of the text or may be included on a separate page as close as possible to the first reference. The maximum width of a figure or table should be 150 mm.

Fig. 1 Maximum chart width

**Max. 150 mm**

# 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, UK, Chap. 6 (2000).