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# Instructions for the Manuscript Preparation to Authors of Papers in LEM21\_2007

First AUTHOR<sup>1</sup>, Second AUTHOR<sup>2</sup> and Other AUTHORS<sup>3</sup>

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## Abstract:

The abstract should be written in **English within 100 words**. It should provide a brief summary of the content of your paper. Begin typing your abstract **40 mm** from the **top margin of 24 mm**. It should be *centred* across the page, indented 12 mm from the left and right page margins and *justified*. The heading **Abstract** should be typed in **Times New Roman 10 point bold** font. The body of the abstract should be in Times New Roman 10 point **normal**.

**Keywords:** CAM, Multi-axis control, Geometric simulation, Surface roughness, Optimization (4-6 words)

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22 mm

Outside  
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82 mm

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## 1. Introduction

Papers submitted must be **original**, and **previously unpublished**. They should be written in English and the units are SI. **Copyright** of the materials published in the proceedings of LEM21 belongs to the Japan Society of Mechanical Engineers, JSME. Please refer the web site of <http://www.2007lem21.jp>.

## 2. Format of Page

### 2.1 Title, Authors, and Abstract

All manuscripts should be prepared on **A4** paper (297 x 210 mm) using **Times New Roman** with single line spacing, unless otherwise specified. **The manuscript should be in 4 or 6 pages** in length, and **submitted in a PDF file to the Programme Committee listed in Table 1**. If there is no response about the confirmation of receiving your manuscript, please contact the Programme Committee Chair in Table 1.

The text should be arranged in the following order: Abstract, Keywords, Introduction, Materials and Methods, Experiments and Simulations, Results, Discussion, Conclusions, Acknowledgements, References, and so forth. Use short paragraphs wherever possible. Express ideas clearly, and avoid using slang. Abbreviations should be explained in the text. If many abbreviations are used, a table of abbreviations should be included.

The **paper title** and **authors** should be exactly in the format as indicated in this template in order to maintain uniformity throughout the Proceedings. The **title** should be **centred** and **capitalized** with upper/lower case **Times New Roman 16 point bold**. In the case of plural lines of paper title, there is 20-point width of line spacing. Leave one carriage return between the paper title and authors.

Authors' names should be centred with **Times New Roman 10-pt. plain** font. **Given name** should be lowercase except for the first letter, which uses uppercase, and the **family name** should be uppercase. Addresses and affiliations of the authors, including country should be centred, using uppercase for the every first letter.

Affiliations of authors should be indicated by superscript numbers as in the example. **Do not use academic titles.** (Prof., Dr., etc.)

Abstract should not exceed 100 words. The heading **Abstract** should be typed in **Times New Roman 10 point bold** font. Leave one carriage return between the abstract and the keywords.

Type the keywords below the abstract, using the same format. Leave one carriage return between the abstract and the keywords. The appropriate number of **keywords** is **4 - 6** and each keyword should be **capitalized**. The first keyword is important to identify the corresponding session in the conference, and had better be selected from the topics and fields listed in Call for Paper, numbered 1 to 13.

The main text, acknowledgement and references should be typed in **Times New Roman 10 point** too.

### 2.2 Margin, Font and Line Spacing

Your manuscript must fit within the required margins. Set your margins for the pages at **24 mm** for the top margin and **23 mm** for bottom, **22 mm** for left, and **14 mm** for right. The first page and all **uneven** pages should have a **right hand** layout: right margin 14 mm and left margin 22 mm. The **even** pages should have a **left hand** layout: left margin 14 mm and right margin 22 mm. The text area for your manuscript must be 174 mm wide and 250 mm high. Do not place any text outside this area.

The font in the manuscript is **Times New Roman** recommended. Please avoid Arial, Helvetica and Sans-serif fonts, if there is no proper reason.

Each line in any paragraph is in single-spaced with 12 point between lines.

### 2.3 Headings and Its Indentation

The section headings should be capitalized. There is one line spacing before the headings, but none in the case of the first and the second level headings successively next to each other line. Use a 7.1 mm (nearly 20 pt) hanging indent to accommodate the number of the first,

23 mm

the second, and so far level headings. If possible, the main body should have no more than two levels of section headings (e.g., 3.1 but not 3.1.1).

The first line of all new paragraphs should be indented 4.2 mm (nearly 12 pt).

### 3. Text, Mathematical expression, Figures and Tables

Begin typing the main body of your paper **100 mm from the top** margin in the first page. Use a two-column format, and set the spacing between the columns at 10 mm, so that the column width is 82 mm.

Please use a consistent spelling style throughout the paper (US or UK). For example, “center” (US) or “centre” (UK).

All mathematical expressions should be numbered in parentheses and typed.

$$\begin{aligned} &\text{Result (Fukuoka, 2007)} \\ &= \text{Organizing (Fukuoka)} \cdot \text{Participants (2007)} \\ &= \infty \end{aligned} \quad (1)$$

Equations should be justified to the left margin and numbered at the right margin. Leave 6 points before and 6 points after the equation,

Each figure must be pasted on the appropriate place in the text. The lettering should be proportionate carefully so that it does not become illegible or unclear. Figure and Equation can be abbreviated to Fig. or Eq. unless these words appear on the top of sentences. For example, Equation (1) is the evaluation of the conference result and etc. Or the evaluation is represented in Eq. (1).

In preparing figures and tables, please make sure that all lettering inside the figures and tables is no smaller than **8 point**, even if they are superscript or subscript as shown in Fig. 1.

References should be cited in the text by numbers in square brackets as [1] or [1-2]. They should be numbered in sequence as they first appear in the text and be listed together at the end of paper. All references listed must be cited, and all cited references must be included in the reference list. Each citation is followed by a full stop.

The format for references is as follows: Last name, initial, year of publication, full paper title, journal name, volume, number, first and last page. Use only common abbreviations in journal names.

### 4. Conclusion

In your sending the PDF file to the Programme Committee, please give special attention to the naming of your PDF file: The name must consist of the paper ID, e.g. 058\_T13-3, and your surname. For example, 058\_T13-3\_Katsuki.pdf. Here, 058 is the total serial number of paper received. T13 indicates the thirteenth topic of “Other Manufacturing-related Technologies.” Figure of 3 indicates the third paper in the category of the topics T13.

The first author who is eligible for the outstanding young researcher award is recommended to inform the date of his or her birthday to the Programme Committee by e-mail.

### Acknowledgement

Please not number the headings of acknowledgement and references. The Programme Committee appreciates in advance your compressing the PDF file size as small as possible.

### References

- [1] Web site: <http://www.2007lem21.jp>.
- [2] Author, F., Editor, S. and Organizer, T., 2008, Leading Edge of Manufacturing, Trans. Japan Soc. Mech. Eng., Vol.53, No. 785 (C series), pp.340-346 (in Japanese).

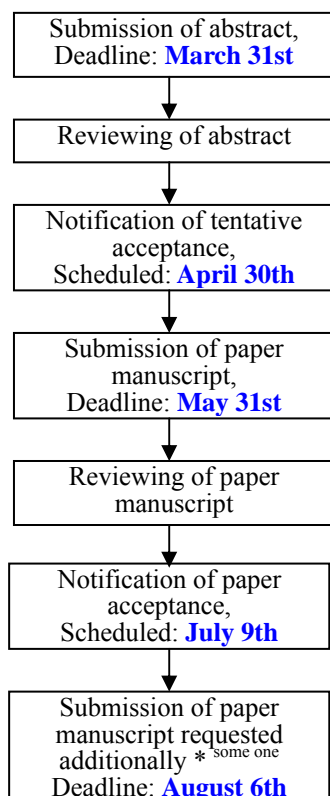


Figure 1: Diagram of conference processing.

Table 1: Web site and Contact addresses.

Web site	<a href="http://www.2007lem21.jp">http://www.2007lem21.jp</a>
E-mail address of Programme Committee	lem21.jsme@gmail.com
General Organizing Committee Chair	Hiromichi ONIKURA, Prof., Dr. onikura@mech.kyushu-u.ac.jp
Programme Committee Chair	Yoshio MIZUGAKI, Prof., Dr. mizugaki@mech.kyutech.ac.jp
Kyushu Local Organizing Chair	Takuya SENBA, Prof., Dr. senba@fit.ac.jp
Registration web site	<a href="https://apollon.nta.co.jp/lem21/">https://apollon.nta.co.jp/lem21/</a>