Instructions on Preparing Manuscripts for Proceedings of LAMP2025

The 9th International Congress on Laser Advanced Materials Processing

Tom Handai1, Jack Jlps1, and Sam Riken\*2

1Japan Laser Processing Society (JLPS), LAMP2025 Secretariat

c/o Joining and Welding Research Institute, Osaka University, Japan

2Advanced Science Institute, RIKEN, Japan

*\*Corresponding author’s e-mail:* *lamp2025@jlps.gr.jp*

*(If you would like to submit this manuscript to JLMN, the corresponding author’s e-mail address is mandatory.)*

The abstract should not exceed 200 words in length, and should be placed below affiliations. These pages provide you with an example of the layout and style for 100 % reproduction, with which we require you to adopt during the preparation of your paper.

1. instruction, manuscript, proceedings, LAMP2025, five to ten keywords
2. Format

This is an instructional guide for using the Microsoft Word Template to format your paper for inclusion in on-line Proceedings of LAMP2025, the 9th International Congress on Laser Advanced Materials Processing. You will be required to use this template to format your paper and then convert it into a PDF file. Papers not using this required format will be returned for revision.

Text should be produced within the dimensions shown on these pages. Paper title, authors name, affiliations, abstract and keywords should be in one column. Body of paper should be in two columns.

Make use of the maximum stipulated length apart from the following two exceptions. (i) Do not begin a new section directly at the bottom of the page, but transfer the heading to the top of the next column. (ii) You may exceed the length of the text area by one line only in order to complete a section of text or a paragraph.

For any additional questions, please contact the Secretariat at lamp2025@jlps.gr.jp

* 1. Length

The length of the full paper should be over 4 pages or longer. Paper with 3 or shorter will be asked for revision. The document is set full justification. The paper size is “A4”, width 210 mm, length 297 mm. Margins are Top 21 mm, Bottom 24 mm, and Right/Left 17 mm each. The space between the two columns is 2.13 letters.

* 1. Spacing

We normally recommend the use of 1.0 (single) line spacing. However, when typing complicated mathematical text it is important to increase the space between text lines in order to prevent sub- and super-script fonts overlapping one another and making your printed matter illegible. If you are using a desktop publishing program, please *ensure* that your ‘auto adjust’ for interline spacing is set suitably to prevent overlapping and without excessive space.

1. Sample of the type of table you could make

|  |  |  |
| --- | --- | --- |
| Material |  nm |  nm |
| A | 1.28×108 1/m | 1.50×108 1/m |
| B | 8.39×107 1/m | 8.21×107 1/m |
| C | 4.52×102 1/m | 2.09×108 1/m |

* 1. Fonts

Body of this paper has been produced using 10 point Times New Roman. The paper title has been produced using 16 point Times New Roman. Paper title and headings should be in Bold-face. *Affiliations are in Italic.* Please do not substitute other fonts. Times New Roman fonts are supplied with most computer systems.The text must be prepared using a 10 point of only Times New Roman and Symbol.

1. Tables and illustrations

Tables and illustrations should be originals or sharp prints. They should be arranged throughout the text, preferably being included on the same page as they are first discussed. They should have a self-contained caption and be positioned at the center of a column or at the center of the text area which contains two columns if they are lager than the width of a column. Both sides of them should be kept blank. All illustrations should be clearly displayed by leaving at least a single line of spacing above and below them.

All notations and lettering should be no less than 2 mm high. The use of heavy black, bold lettering should be avoided, as this will look unpleasantly dark when printed.

Table and figure captions should be produced using 9 point Times New Roman. File sizes should not exceed 3.5 MB. ZIP files are not accepted.

* 1. Tables

Horizontal lines should be placed above and below table headings, above the subheadings and at the end of the table above any notes. Vertical lines should be avoided.

* 1. Artwork

You may include two different types of figures in your document; **Line-art** in the form of spot graphs, bar graphs, etc., or **photo-images** such as micrographs, photos, etc. These figures must be scanned at specific resolutions to look good in print. Instructions for scanning are as follows:

**\*Photo-images**: Must be scanned at 300 dpi (minimum).

**\*Line-art**: Must be scanned at 600 dpi (minimum).

**\*Use of color:** Color graphics are preferred for the proceedings.

Failure to scan at these resolutions will result in very poor quality output. It is your responsibility to ensure that figures are scanned at the correct resolution. Please note that images prepared for the web are usually set at 72 dpi, which is inadequate for printing purposes. Check that all type in graphs and figures is large enough to read and understand.

* 1. Figures

Figures should be placed as close to where they are referenced as possible. Figure captions should be in Times New Roman font and numbered consecutively with the title centered below the figure. Always insert your figure caption separately from your figure so that any resizing of your figure does not affect the figure caption. Photographic images must include a scale marker.

1. Equations

Equations should be placed flush-left with the text margin.

 (1)

Make sure that they are numbered consecutively. Place the numbers in parentheses flush with the right-hand margin and level with the last line of the equation. However, simple expressions should be left in the text, written on one line, e.g., .

1. Units and abbreviations

It is desirable that SI units are used. All abbreviations should be spelt out in full on first appearance, e.g., scanning tunneling microscope (STM).

1. Use of templates

**Fig. 1** Sample of the type of graph you could make.

We strongly suggest the use of this template. In case of not using this template, please follow the manuscript instructions correctly, including the symposium name at the header and the page numbers at the footer.

1. Transfer of copyright

**3**

The copyright transfer form must be completed by the lead author and submitted with the manuscript. No paper shall be included in the proceedings unless the form is received. Manuscripts published in “Proceedings of LAMP2025” must be accompanied with a Copyright Transfer Form. JLPS copyright does not preclude subsequent publication of material appearing in the conference proceedings; in fact, you retain ownership of the paper and are free to distribute it as you deem appropriate, or to publish in another venue. The form should be submitted along with the manuscript through the following submission system.

Upon publishing the online Proceedings of LAMP2025, your name, affiliation, country (and e-mail address if preferred) will be shown on the proceedings which will be distributed to LAMP2025 attendees and sponsors after the event.

1. Submission of the manuscript

Due date is JUNE 13, 2025. For paper submission, please access the website at <https://mc.manuscriptcentral.com/jlmn>

If you would like to submit your paper only to the Proceedings of LAMP2025, please checkmark at "LPM/LAMP symposium (Proceedings Only)" at "Type of Submission" section.

**8. On-line Journal**

The authors have a chance to publish their proceedings manuscripts in an online Journal of Laser Micro/Nano-engineering (<http://www.jlps.gr.jp/jlmn/>) free of charge. The manuscripts will be peer-reviewed. Authors who wishto submit their manuscripts to this Journal should submitthem online at URL of <https://mc.manuscriptcentral.com/jlmn>

All manuscripts should be submitted as a regular article regardless of presentation types. The articles oriented todominantly technical or industrial developments containing interesting and useful information may be considered astechnical communications. Please checkmark “LPM/LAMPsymposium” in the Type of Submission, so that the publication fee is automatically waived. The authors can suggestpossible reviewers. If the authors have possible reviewers,please input three - five names.

**Acknowledgments and Appendixes**

(1) Acknowledgments, dedications, and funding sources, if any, should be placed at the end of text before the references. No section numbers should be given.

(2) Appendixes follow the acknowledgments and precede the list of references. If there are two or more appendixes, they should be labeled Appendix A, Appendix B, etc.

References

1. T. Handai, J. Riken, J. W. North, F. Minami, and S. Seisan: J. Appl. Phys., 74, (1993) 1119.(Journals)
2. T. Handai, J. Riken, G. C. East, M. Nishi, J. W. North, F. Minami, and S. Seisan: “Laser Precision Microfabrication” ed. by J. D. Center and D. Senri, (Publisher, Tokyo, 1999) p.864. (Books)
3. T. Handai: “Laser Processing” ed. by Osaka Center (Publisher, Osaka, 2000) p.200. (Books)

[4] I. Osaka and J. Riken: Frontiers of Laser Materials Processing, Suita Laser Processing Soc., 41, (1999) 248. (in Japanese)

[5] I. Osaka and J. Riken: Zairyo Kakoh Soc., 50, (2007) 525. (in Japanese)

[6] N. Kakoh and K. Saitama: Proc. LPM 2018, (2018)

#18-011. (Conference Proceedings)

[7] I. Osaka and J. Riken: Proc. SPIE, Vol. 10875, (2019) 1087504. (Conference Proceedings)

[8] C. Sonic: U. S. Patent 3316647 (2001). (Patent)

References should be listed at the end of your paper. Do not begin them on a new page unless it is absolutely necessary. Above we have listed some references according to the numeric sequential system [1-3]. In this system references are numbered in the order in which they are cited in the text.