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Instructions on Preparing Manuscripts for On-line Journal of Laser Micro/Nanoengineering

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Keywords: instruction, manuscript, proceedings, journal, five to ten keywords

1. Format

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Please contact [Hiromi Inoue \[\[jlmn@jlps.gr.jp\]\(mailto:jlmn@jlps.gr.jp\) \]](mailto:Hiromi.Inoue@jlps.gr.jp) with additional questions.

1.1 Paper size and margins

The paper size is "A4", width 210mm, length 297mm. Margins are Top 21mm, Bottom 24mm, and Right/Left 17mm each. The space between the two columns is 2.13 letters.

1.2 Spacing

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2.13

letters

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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 larger 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.

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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 (these proceedings will be on CD-Rom

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Table 1 Sample of the type of table you could make

Material	$\lambda = 1064 \text{ nm}$	$\lambda = 266 \text{ nm}$
A	$1.28 \times 10^8 \text{ 1/m}$	$1.50 \times 10^8 \text{ 1/m}$
B	$8.39 \times 10^7 \text{ 1/m}$	$8.21 \times 10^7 \text{ 1/m}$
C	$4.52 \times 10^2 \text{ 1/m}$	$2.09 \times 10^8 \text{ 1/m}$

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3. Equations

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

$$f_2(x_{ij}) = \begin{cases} A(B/x_{ij}^p - 1/x_{ij}^q) \exp[1/(x_{ij} - a)] & x_{ij} < a \\ 0, & x_{ij} \geq a \end{cases} \quad (1)$$

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., $R=a/(b+c)$.

4. 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

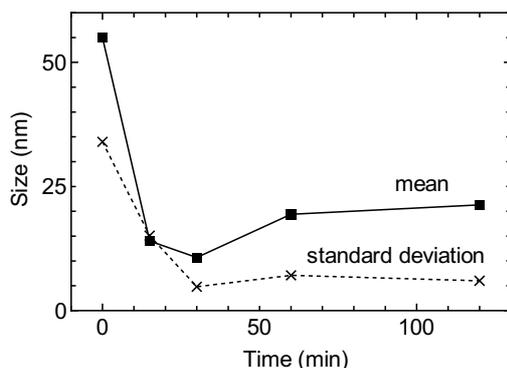


Fig. 1 Sample of the type of graph you could make.

ning tunneling microscope (STM).

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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. Handae, 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] N. Kakoh, and K. Saitama: *Proc. 1th Int. Symp. on Laser Precision Microfabrication*, Ohmiya, (2000) p.919. (Conference Proceedings)
- [4] C. Sonic: U. S. Patent 3316647 (2001) (Patent)

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