

Instructions for Preparing Manuscripts for Nanotech 2010

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ABSTRACT

These pages provide an example of the layout and style required for the preparation of four-page papers for the Nanotech 2010 technical proceedings. Documents must be submitted in electronic (Adobe PDF[®] file) format. Please study the enclosed materials before beginning the final preparation of your paper. Proofread your paper carefully before submitting (it will appear in the published volume in exactly the same form). Your PDF[®] manuscript must be uploaded online by April 12th, 2010. You will receive no proofs. Begin your paper with an abstract of no more than 18 lines. Thoroughly summarize your article in this section since this text will be used for on-line listing and classification of the publication.

Keywords: provide up to five comma separated, keywords for indexing, don't capitalize

1 PAPER LAYOUT

Text should be produced within the dimensions shown on these pages; each column should be **85 mm** wide. The two columns should be separated by 10 mm and should be **right/left justified**. Use a **US-Letter** paper size (8-1/2x11"), and a print area no larger than **235 mm** (length) x **180 mm** (width). On each page of the manuscript, position the print area **20 mm from the top** and **15 mm from the left** edge of the paper (see Fig. 1). Make use of the maximum stipulated length except for the following cases, (a) do not begin a new section at the bottom of a page, transfer the heading to the top of the next column, (b) you may exceed the text area by one line to complete a section of text or a paragraph.

2 TEXT FORMAT

The title should be in boldface letters centered across the top of the first page using 14-point type. First letter capitals only for the title. Insert a blank line after the title, followed by Author Name(s) and Affiliation(s), centered and in 12 point non-bold type. The paper begins with the abstract and keywords followed by the main text. It ends with a list of references.

2.1 Fonts and Spacing

Times or Times Roman is the recommended typeface for the main text using 10-point type. The smallest allowed type size for all text, figures, captions, references and within figures is 10-points. See Table 1 for a complete summary of Font formats. Single (1.0) line spacing is recommended for the main text.

2.2 Section and Sub-section Headings

Section headings should be 12-point boldface capital letters, centered in the column. Sub-section headings require initial capitals using boldface and left justification. Headings should appear on separate lines, using the Arabic numbering scheme. The abstract and reference section headings are not numbered.

2.3 Page Numbers, Footers and Headers

Do not put page numbers on page. Do not put running footers or headers on any page.

2.4 References

References should be collected at the end of your paper. They should be prepared according to a recognized style, e.g. the Harvard or sequential numeric system making sure that your accumulated list corresponds to the citations made in the main text and that all material mentioned is generally available to the readers. When referring to them in the text, type the corresponding reference number in square brackets as in this example [1].

3 EQUATIONS

Equations must be placed flush-left with the text margin and preceded and followed by a line of white space.

$$\frac{i\hbar}{2\pi} \frac{\partial \psi}{\partial t} = -\frac{\hbar^2}{8\pi^2 m} \Delta \psi + U(x, y, z, t) \psi \quad (1)$$

Numbered equations should be numbered consecutively, with numbers in parentheses, flush right, and level with the last line of the equation.

4 TABLES AND ILLUSTRATIONS

Tables and illustrations can appear within columns or span both columns. If two column figures or tables are required, place them at the top or at the bottom a page. They should have a self-contained caption and be center justified. Figures must be 600 dpi resolution or equivalent. All lettering should be 10-point type or larger. Figures must not extend into the margins.

	Style	Size	Justified
Title	Bold	14	Center
Authors	Normal	12	Center
SECTION	BOLD, ALL CAPS	12	CENTER
Subsection	Bold	12	Left
Main Text	Normal	10	Left/Right
Captions	Normal	10	Center
Figure Text	Normal	10	N.A.

Table 1: Formatting summary for Nanotech manuscripts.

Figures and Tables should be sequentially numbered. Captions should be centered and use the same type and size font as regular text.

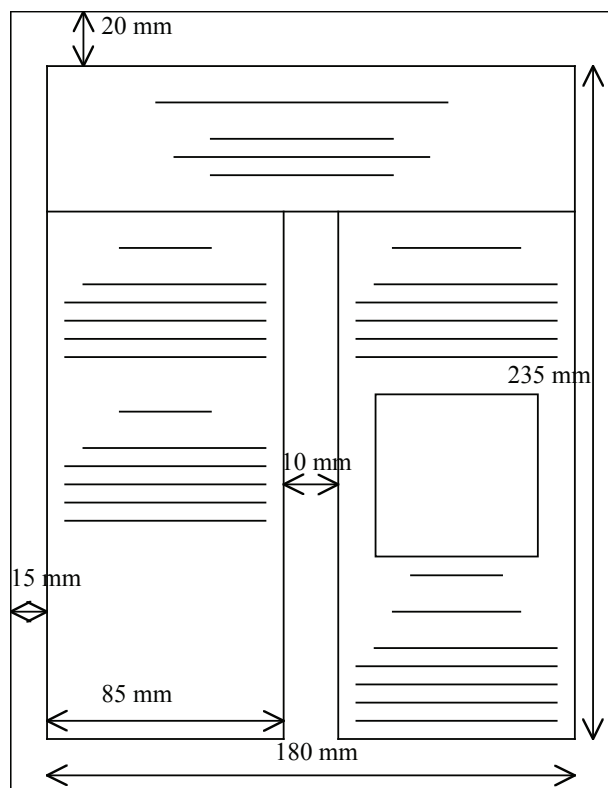


Figure 1: Formatting dimensions for manuscripts.

5 PDF FILE PREPARATION

Use the following guidelines when preparing electronic PDF[®] manuscripts:

- Use “Press” preset of Acrobat Distiller[®] if available
- Use a resolution of 600 dpi
- DO NOT PASSWORD PROTECT your PDF[®]
- DO NOT ENCRYPT your PDF[®]
- INCLUDE ALL FONTS in your PDF[®]

PDF[®] files MUST BE SUBMITTED ONLINE by April 12th, 2010. Documents failing to meet these requirements will not be published in the conference technical proceedings. Test print your PDF[®] file on a second computer to ensure that it includes all the fonts required for printing.

6 DEADLINES AND AUTHOR KIT

Your PDF[®] manuscript must be uploaded online by April 12th, 2010. Signed copyright forms are due at the conference secretariat¹ by April 12th, 2010, together with a signed conference registration form with valid form of payment. You must also register by May 1st, 2010, preferably online (credit card required).

Follow the instructions your received from the conference secretariat to submit an electronic copy of your paper (Adobe PDF[®] file) for inclusion in CDROM and online proceedings. For templates, style files and valid electronic document formats, please visit the conference web site at URL <http://www.nsti.org/Nanotech2010>.

Papers will be published in the conference technical proceedings, and on CDROM. *Manuscripts received after April 12th, 2010, not submitted online, or without a signed copyright form will not be published¹.*

REFERENCES

- [1] Timoshenko and Woinowski-Krieger, "Theory of Plates and Shells," McGraw-Hill, 415-4215, 1959.
- [2] D. Snow, M. Major and L. Green, Microelectronic Engr. 30, 969, 1996.
- [3] Author, "Title (optional)," Journal, Volume, Pages, Year.

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