

Instructions for SOLI'06 Paper Submissions

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Abstract—Type the abstract (100 words minimum and 150 words maximum) using point size 10. The abstract is an essential part of the paper. Use short, direct, and complete sentences. It should be as brief as possible and concise. It should be complete, self-explanatory, and not require reference to the paper itself. The abstract should be informative giving the scope and emphasizing the main conclusions, results, or significance of the work described. Do not use the first person; do not include mathematical expressions; do not use references and try to avoid acronyms.

Index Terms—About four key words or phrases in alphabetical order, separated by commas.

I. INTRODUCTION

These are instructions for authors typesetting for the 2006 *IEEE International Conference on Service Operations and Logistics, and Informatics* (SOLI'06) to be held at the Crown Club Hotel, Shanghai, China, from June 21-23, 2006. This document has been prepared using the required format (Microsoft *Word* version 6.0 or later). Using this document as a template is highly recommended as it gives the best input for the final publications. (Papers prepared using applications other than Microsoft *Word* must conform to the format and criteria detailed in this document.)

The paper is to be written in two-column format and be right and left justified. The column width should be 85 mm (3.35 inches). The gap between the two columns should be 5 mm (0.2 inches)

II. FORMATTING INSTRUCTIONS

MS Word users: please use the paragraph styles contained in this document: Title, Heading 1, Heading 2, Abstract, Keywords, Body Text, Equation, Reference, Figure, and Caption. Do not add any page numbers, and do not use footers and headers. You are not allowed to change the styles manually, because it may result in additional work (or exclusion from the proceedings if repeated in your final accepted camera-ready paper).

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A. Length

The minimum number of pages for your paper is 5. The maximum number of pages accepted is 6. Extra page charges will be incurred for any paper of more than 6 pages in length. Example: No additional charges for papers of 5 or 6 pages in length; an extra page charge will be incurred for page 7 and again for page 8. (Do not play with the margins to fit it between 5 and 6 pages.) Changing the formats described in the template may result in exclusion from the proceedings if repeated in your final accepted camera-ready paper. Rather, take some time to review the text again for improvement or consult the Publications Chair.

B. Title

Type the title approximately 3.5 centimeters below the top border of the letter size paper sheet and use a 24 point size typefont. Center the title (horizontally) on the page. Leave approximately 1 cm (0.4 inches) between the title and the name and address of yourself and of your co-authors, if any. Type the name(s), address(es) and email in an 11 point font and center them (horizontally) on the page.

C. Spacing

Each section should be separated from the previous text by 12 points. Each subsection should be separated from the previous text by 6 points.

D. Section and Subsection headings

Use point size 10 for both section and subsection headings. Section headings should be centered and capitalized. Subsection headings should be italicized. Keep all subsection headings flushed left. If any further subdivision of a subsection is needed, the titles should be 10 point

E. Main Text

Use 2 centimeters (0.8 inches) for the left and right margins. Use 10 point Times New Roman font for text (character size). Do not use bold in the main text; if you want to emphasize specific parts of the main text, use italics. Start a new paragraph by indenting it from the left margin (and not by inserting a blank line). Leave a margin of at least 2 centimeters (0.8 inches) at the page head (for placing the final numbers and running heads in final accepted papers). The typing area should not exceed 24 x 17.5 centimeters (9.4 x 6.9 inches). The text should be prepared with a double column format and single line spacing

F. Figures

All illustrations should be embedded scans of original drawings or photographic prints of originals. All figures must be embedded in your document. All illustrations must be numbered consecutively (i.e., not section-wise), using Arabic numbers. Center figure captions beneath the figure (see Figure 1). If possible, do not assemble figures at the back of your article, but place them as close as possible to where they are mentioned in the main text. No part of a figure should go beyond the typing area. Figure captions should appear (centered) below graphical objects, as in Figure 1.

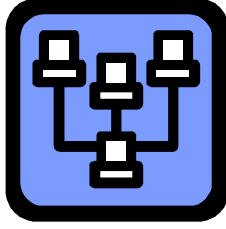


Figure 1. Fusion data flow

G. Tables

All tables must be embedded in your document. They must be numbered consecutively (in Arabic numbers). Table headings should be placed (centered) above the table. Place tables as close as possible to where they are mentioned in the main text.

TABLE I
UNITS FOR MAGNETIC PROPERTIES

| Symbol | Quantity | Conversion from Gaussian and CGS EMU to SI ^a |
|----------------|---|--|
| Φ | magnetic flux | $1 \text{ Mx} \rightarrow 10^{-8} \text{ Wb} = 10^{-8} \text{ V}\cdot\text{s}$ |
| B | magnetic flux density, magnetic induction | $1 \text{ G} \rightarrow 10^{-4} \text{ T} = 10^{-4} \text{ Wb/m}^2$ |
| H | magnetic field strength | $1 \text{ Oe} \rightarrow 10^3/(4\pi) \text{ A/m}$ |
| m | magnetic moment | $1 \text{ erg/G} = 1 \text{ emu}$ $\rightarrow 10^{-3} \text{ A}\cdot\text{m}^2 = 10^{-3} \text{ J/T}$ |
| M | magnetization | $1 \text{ erg}/(\text{G}\cdot\text{cm}^3) = 1 \text{ emu/cm}^3$ $\rightarrow 10^3 \text{ A/m}$ |
| $4\pi M$ | magnetization | $1 \text{ G} \rightarrow 10^3/(4\pi) \text{ A/m}$ |
| σ | specific magnetization | $1 \text{ erg}/(\text{G}\cdot\text{g}) = 1 \text{ emu/g} \rightarrow 1 \text{ A}\cdot\text{m}^2/\text{kg}$ |
| j | magnetic dipole moment | $1 \text{ erg/G} = 1 \text{ emu}$ $\rightarrow 4\pi \times 10^{-10} \text{ Wb}\cdot\text{m}$ |
| J | magnetic polarization | $1 \text{ erg}/(\text{G}\cdot\text{cm}^3) = 1 \text{ emu/cm}^3$ $\rightarrow 4\pi \times 10^{-4} \text{ T}$ |
| χ, κ | susceptibility | $1 \rightarrow 4\pi$ |
| χ_p | mass susceptibility | $1 \text{ cm}^3/\text{g} \rightarrow 4\pi \times 10^{-3} \text{ m}^3/\text{kg}$ |
| μ | permeability | $1 \rightarrow 4\pi \times 10^{-7} \text{ H/m}$ $= 4\pi \times 10^{-7} \text{ Wb}/(\text{A}\cdot\text{m})$ |
| μ_r | relative permeability | $\mu \rightarrow \mu_r$ |
| w, W | energy density | $1 \text{ erg/cm}^3 \rightarrow 10^{-1} \text{ J/m}^3$ |
| N, D | demagnetizing factor | $1 \rightarrow 1/(4\pi)$ |

No vertical lines in table. Statements that serve as captions for the entire table do not need footnote letters.

^aGaussian units are the same as cgs emu for magnetostatics; Mx = maxwell, G = gauss, Oe = oersted; Wb = weber, V = volt, s = second, T = tesla, m = meter, A = ampere, J = joule, kg = kilogram, H = henry.

H. Mathematical Formulas

Mathematical formulas should be roughly centered and numbered, as in:

$$y = f(x) \quad (1)$$

I. References

Number citations consecutively in square brackets [1]. The sentence punctuation follows the brackets [2]. Multiple references [2], [3] are each numbered with separate brackets [1]–[3]. When citing a section in a book, please give the relevant page numbers [2]. In sentences, refer simply to the reference number, as in [3]. Do not use “Ref. [3]” or “reference [3]” except at the beginning of a sentence: “Reference [3] shows ...” Unfortunately the IEEE document translator cannot handle automatic endnotes in *Word*; therefore, type the reference list at the end of the paper using the “References” style.

Number footnotes separately in superscripts (Insert | Footnote).¹ Place the actual footnote at the bottom of the column in which it is cited; do not put footnotes in the reference list (endnotes). Use letters for table footnotes.

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J. Fine Tuning

- Do not end a page with a section or subsection heading.
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- Do not use footers and headers.
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K. Final Version

After proofreading your paper, it must be submitted on the SOLI’06 web site electronically using **PDF format**. *Do not send hard copies or use other file formats – they will not be*

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III. CONCLUSIONS

This sample paper presents the formatting instructions for final paper submissions to SOLI'06. Please address any problems related to use of this template to the Publications Chair at the following address:

Prof. Raghvinder Sangwan
Penn State
rxs69@psu.edu

ACKNOWLEDGMENT

The preferred spelling of the word “acknowledgment” in American English is without an “e” after the “g.” Use the singular heading even if you have many acknowledgments. Avoid expressions such as “One of us (S.B.A.) would like to thank” Instead, write “F. A. Author thanks” **Sponsor and financial support acknowledgments are placed in the unnumbered footnote on the first page.**

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