

Preparation of Digests for SCEE 2006 Sinaia, Romania

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Abstract—These instructions provide you with the basic guidelines for preparing the one or two page digests for the 6th International Conference on Scientific Computing in Electrical Engineering SCEE 2006, which will be held in Sinaia, Romania, September 17 - 22. Accepted digests will be included in the conference record. Please carefully follow these instructions to ensure legibility and uniformity of digests in the conference record.

Keywords—write here a list of 5-7 free keywords.

I. USAGE OF THE L^AT_EX TEMPLATE

For L^AT_EX users, a tar archive containing all necessary files is provided for the preparation of the digest for SCEE 2006: **SCEE06_DigestTemplate_Latex.tar**. The main file is **SCEE06_DigestTemplate.tex** and it describes the general layout of the digest as well as the digest/paper submission information. If you are MS Word users, use the Word template file **SCEE06_DigestTemplate.doc** instead.

After completing your digest, you will need to convert it to PDF format. Archive(zip or tar) all the source files you have created (including the pdf file) and upload them on the conference website.

II. GENERAL LAYOUT OF THE DIGEST

Please prepare the camera ready copy of your digest on regular size paper (8.5in x 11in = 21.6cm x 27.9cm) or A4 paper (21.0cm x 29.7cm). The digest should be prepared in double-column format. The total text height should be 9.6in (24.4cm). The total width should be 7.2in (18.3cm) with separation of 0.2in (0.5cm) between the columns. Please provide a top margin of 0.7in (1.8cm) and a left margin of 0.65in (1.65cm). Paragraphs follow the indented paragraph format with left and right justification. Use 0.2in (0.5cm) for paragraph indentation. Don't leave space between the paragraphs. Please number section headings with Roman numerals and center them in column. The spacing before and after the section headings should be 12pt and 4pt respectively. Please number the subheadings with alphabetical letters. spacing before and after the subheadings is 6pt respectively. The indentation for subheadings is 0.1in. For Latex users, all these settings can be found in the **scee06.sty** file.

III. TYPE AND SIZE OF FONTS

Please use Times New Roman typeface and following the type size specified in Table I as closely as possible.

TABLE I
TYPE SIZES FOR CAMERA-READY PAPERS

Item	Type Size (points)	Appearance
Title	14	Bold
Author's Name	12	Regular
Author's Affiliations, mailing address, and E-mail	10	Regular
Abstract	9	Bold
Sections Titles	10	Small capitals, centered in column, Roman Numerals
Subheadings	10	Italics, alphabetical numerals
Main Text	10	Regular
Subscripts and Superscripts in the Main Text	8	Regular
Equations	10	Regular
Figure Captions	8	Regular, centered in column, Arabic numerals
Table Captions	10	Small capitals, title case, centered in column, Roman numerals
Table Name/Description	8	Small capitals, title case, centered in column, Roman numerals
Table Text	8	Regular
Subscripts and Superscripts in Table Text	6	Regular
References	8	Regular

IV. USEFUL HINTS

A. Abbreviations and Acronyms

Define abbreviations and acronyms the first time they are used, even after they have been defined in the abstract. Abbreviations such as IEEE, SI, MKS, CCG, ac, and dc do not have to be defined. Don't use abbreviations in the title unless they are unavoidable (for example, the title of this article).

B. Figures and tables

Place figures and tables in the middle of columns. Figure captions should be centered below the figures; table captions should be centered above the tables. Please use words rather than symbols to label the axis. As an

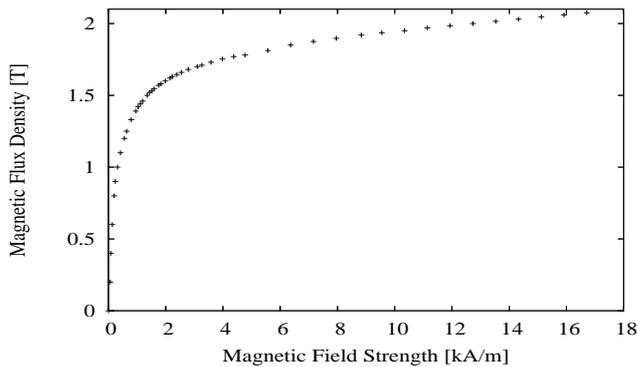


Fig. 1. Magnetic flux density as a function of the magnetic field strength.

example, write the quantity "Flux Density", or "Flux Density, B ", not just " B ". Put units in parentheses. Do not label axes only with units. As in Fig. 1, for example, write "Magnetic Flux Density (T)", not just "T". Do not label axes with a ratio of quantities and units. For example, write "Temperature (K)", not "Temperature/K". Multipliers can be especially confusing. Write "Magnetic Field Strength (kA/m)" or "Magnetic Field Strength (10^3 A/m)". Do not write "Magnetic Field Strength (A/m \times 1000)" because the readers would not know whether the axis label in Fig. 1 meant 18000A/m or 0.018A/m. Figure labels should be legible, approximately 8 to 12 point type when reduced to column width. Note that Fig. is abbreviated. There is a period after the figure number, followed by two spaces.

C. Equations

Number equations consecutively with equation numbers in parentheses flush with the right margin, as in (1). To make your equation more compact, you may use the solidus (/), the exp function, or appropriate exponents. Use parentheses to avoid ambiguities in denominators. Punctuate equations when they are part of a sentence, as in

$$B_x = \frac{\partial A}{\partial y} = \frac{1}{2\Delta_e} (r_1 A_1 + r_2 A_2 + r_3 A_3). \quad (1)$$

Be sure that the symbols in your equation have been defined before the equation appears or immediately following. Refer to "(1)", not "Eq. (1)" or "equation (1)" except at beginning of a sentence: "Equation (1) is ...". Please confine equations to one column width and break equations at appropriate algebraic symbols.

D. Units

Use either SI (MKS) or CGS as primary units. SI units are strongly recommended. Avoid combining SI and CGS units, such as current in amperes and magnetic field in oersteds. If you must use mixed units, clearly state the units for each quantity in an equation.

E. Conclusion

A conclusion section is not required. Although a conclusion may review the main points of the paper, do not replicate the abstract in the conclusion. A conclusion might elaborate on the importance of the work or suggest applications and extensions.

F. References

Number citations consecutively in square brackets [1]. The sentence punctuation follows the brackets [2]. Multiple references [1], [2] are each numbered with separate brackets [1], [2]. When citing a section in a book, please give the relevant page numbers [1]. In sentences, refer simply to the reference number, as in [1]. Do not use "Ref. [1]" or "reference [1]" except at the beginning of a sentence. You may also refer to "unpublished", "submitted for publication" or "to be published" papers.

G. Language

The use of grammar and spelling checker is strongly recommended. It is also suggested that you get the digest proof read by a native English-speaking colleague if you native language is not English.

V. CONFERENCE AND PAPER SUBMISSION INFORMATION

The SCEE 2006 Call for Papers is available on the conference website, <http://scee06.org>. Digests are required in one-page or two-pages double-column format. The submission is on-line, on the conference web site. The absolute deadline for the digest submission is March 1st, 2006. All contributions will undergo peer review to determine their suitability for the inclusion in the conference record. Notification of acceptance will be given on April 15, 2006. Authors who are interested in submitting their papers for the possible publication in the Springer Series are asked to upload their extended manuscripts by September 21, 2006 via the conference web and submit three prints of the manuscripts at the conference. Paper formatting should follow the Springer standard which can also be downloaded from the conference website at <http://scee06.org>. Questions concerning the digest preparation may be addressed by e-mail to lmn@lmn.pub.ro.

ACKNOWLEDGMENT

Write acknowledgment here.

REFERENCES

- [1] J. Clerk Maxwell, *A Treatise on Electricity and Magnetism*, Oxford, Clarendon, 1892.
- [2] G. Eason, B. Noble, and I.N. Sneddon, "On certain integrals of lipschitz-hankel type involving products of bessel functions," *Phil. Trans. Roy. Soc. London.*, vol. A, no. 247, pp. 529-551, 1955.