INSTRUCTIONS FOR AUTHORS *)

ALL AUTHORS OF THE FIRST AFFILIATION

First Affiliation and Address

ALL AUTHORS OF THE SECOND AFFILIATION

Second Affiliation and Address

The body of the abstract. Do not repeat the title here. Do not refer to any item in the paper (equation, figure, reference). If necessary, give full citation, independently of the list of references in the paper.

1   General information

The contribution for CSMAG'04 Proceedings should be written in Latex 2e or Latex 2.09 using a special style of Czechoslovak Journal of Physics , which can be downloaded from the conference www page (http://csmag.science.upjs.sk/): The file cjpsuppl.cls - Documentclass for Czech. J. Phys., if you use LaTeX 2e and the file cjpsuppl.sty - Documentstyle for Czech. J. Phys., if you use LaTeX 2.09. Commands connected with the page layout are fixed by the style-file therefore the preamble of your document should not contain any of the commands as `\scriptsize` `\textwidth`, `\textheight`, `\topmargin`, `\oddsidemargin` etc. If you need additional macro packages, please restrict yourself to standard ones. The list of abbreviations which can be used in manuscript can be downloaded from conference www page as cjpmacro.pdf. The length of manuscript is restricted to 4 printed pages for contributed and 6 pages for plenary paper (including all figures, tables and references).

2   How to prepare a manuscript

To prepare the LaTeX 2e or LaTeX 2.09 source file of your paper, copy the template file csmtempl.tex with your filename, fill in the parameters for title page and page headings as well as the PACS codes and key words, and go on with the body of the paper using all other means and commands of the standard class/style 'article'. For the beginner in LaTeX we recommend to use file csminstr.tex as template file with the replacement of our text with his own text. Note many abbreviations of commands included in the class/style: A list of abbreviations you can see in cjpmacro.pdf file. In this sample "paper" abbreviations are used whenever possible. As for the page headings, use "et al." for more than 3 authors; PACS means Physics

---

*) Presented at 12-th Czech and Slovak Conference on Magnetism, Košice, 12-15 July 2004

and Astronomy Classification Scheme; give max. two codes in full extent (00.00.xx). PACS is possible to see on the www page http://publish.aps.org/PACS/. The symbols and nomenclature according to the Document IUPAP-25 is recommended. See file Appendix1.pdf on the conference www page. SI units are preferred.

2.1 Some examples of equations

$$c^2 = a^2 + b^2 \,.$$ (1)

In an equation array, e.g.

$$a = c \cos \varphi,$$ (2)
$$b = c \sin \varphi,$$ (3)

the appearance may be improved using the command,

`\slacs{.4ex}`(for `\setlength{\arraycolsep}{.4ex}`):

$$a = c \sin \varphi,$$
$$b = c \cos \varphi;$$

where the $*$-form of equation array was used.

2.2 Figures and Graphics

In the ideal case, figures should be provided in an electronic form, either embedded in the source file, or separately, and should not require any further editing (except of small adjustments of the size). Vector graphics is preferred over the bitmap images. Preferred format for figures and graphics is Encapsulated PostScript (EPS). Figures must be provided in a quality suitable for reproduction.

The size of figures should not be larger than necessary for clear demonstration of the investigated features. At this size, the height of the lettering (axis, titles, labels, legends) should be 8 pt -11 pt. No letters (incl. subscripts, exponents etc) should be smaller than 5 pt. Note that the maximum target size of figures is the page size (125 mm times 180 mm). Color figures are not acceptable.

Postscript fonts Times, Helvetica and Symbol (or True Type fonts Times New Roman, Arial and Symbol, respectively) are recommended. Physical symbols, units, etc in the figures should be typeset following the same conventions as in Apendix1.pdf file. Decimal points (not commas) must be used in labels. Magnifications for photomicrographs should be indicated by scale marks on the print, not by magnification ratios in the captions.

2.2.1 Scanning of the figures

Scanned images of hand-drawn or hand-edited figures, photographs, or figures for which the original electronic version is unusable or unavailable can be also submitted. Please observe the following:
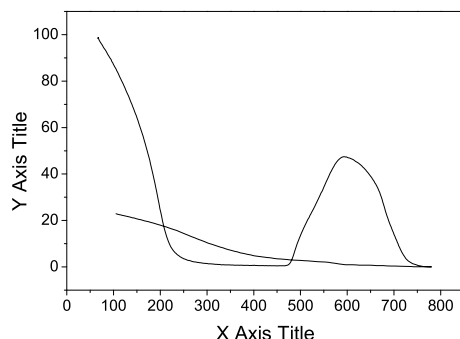
Fig. 1. The captions of figures and tables are automatically typeset in small(size). The last line of the caption is automatically centered.

- B&W line plots should be scanned as B&W, at 600dpi resolution for 1:1 reduction, or 300dpi for 2:1 reduction, etc. Do not scan or save B&W figures as grayscale ones, and never use JPEG compression for such images (save as EPS and compress the files using zip instead for sending).

-Gray-scale scan at 300dpi for 1:1 reduction. Use JPEG compression only for photographs; if the scanned image contains sharp transitions, lines or text, use EPS and zip-compress the file. Files of figures should be placed, as Encapsulated PostScript (EPS) files, in the same directory as maintext.tex file. They should be embedded in the document using `figure` environment and `\epsfig` macro for LaTeX 2.09. For LaTeX 2e you can use package (style) `graphicx` and command `\includegraphics`. Both methods can be used for Figure 1 in this document.

2.3   Tables

In the similar way, the width of tables may be adjusted by the command `\sltcs{}` (for `\setlength{\tabcolsep}{}`). As an example, Table 1 is standard and Table 2 is formatted with `\sltcs{.5mm}`.

Table 1. The caption of the table is located above the table itself. Tables should be typeset in small(size).

Aaa	Bbbbbbbbb	Cccccccc	Ddddd	Eeee	Fffffffff
G	H	I	J	K	L	M

Table 2. To be compared with Table 1.

Aaa	Bbbbbbbbb	Ccccccc	Ddddd	Eeee	Fffffffff
G	H	I	J	K L	M

2.4 Electronic submissions

Authors are asked to submit manuscripts in an electronic form, preferably via e-mail as Attachments to address csmag@saske.sk. Huge files (e.g., figures) should be zip-compressed prior to transfer. Manuscripts should be typeset in LATEX. As a back-up, PDF files should be sent simultaneously. Conversion to PDF file (see for example http://sector7g.wurzel6.de/pdfcreator) should be predetermined for printed quality (min 300 dpi) not for screen only. Figures should be provided in EPS (EPS 3.0 with no preview is recommended). Please, contact us in case of some submitting problems (csmag@saske.sk).

Useful and recommended links for beginners in LaTeX: www.miktex.org, www.winedt.com, www.texniccenter.org/front_content.php, www.cs.wisc.edu/∼ghost/ and links herein;

2.5 References

References to previous works are made in the text with arabic numerals in square brackets in the order of their first appearance. The list of references must observe the following style:

- For journal articles: X.Y.Author(s): Title of the journal. Volume (year of publication) page. For example: [4] X.Y. Zee: Czech. J. Phys. 51 (2001) 123.

- For books, reports: X.Y.Author(s): Title of the book. Publisher, place, year of publication, pagination if appropriate.

- For collections of contributions (e.g. proceedings): X.Y.Author(s): in Title of collection (including data of conference etc.) (Editor(s) in parentheses). Publisher, place, year of publication, pagination.

Papers in course of publication should be entered only if the journal has accepted them and its name is given. A thesis approved for a higher university degree may be enlisted.

Acknowledgement should be typeset in small(size).

References

[1] A. Hekker: Phys. Rev. A **35** (1986) 1435.

[2] I.S. Gradstein and I.M. Ryzhik: *Tables of Integrals, Sums, Series, and Products.* GIFML, Moscow, 1963 (in Russian).

[3] R. Laroche, L. Meystre, and G.M. Raimond: in *Advances in Atomic and Molecular Physics*, Vol.19 (Eds. D.Baters and I. Henderson), Academic Press, New York, 1984, p. 321.

[4] X. Soldner: in *Proc. 18th Conf. on Plasma Physics and Controlled Fusion*, Berlin 1991 (Ed. H. Sudner), IAEA, Vienna, 1991, Vol. III, p. 411.