



Preparing CRC Proceedings articles with Latex for Physics Procedia

Dear Author

Thank you for submitting your manuscript to Physics Procedia. Documentation is provided to assist you in the preparation of your paper with Latex - for further information on how to access these files see below.

Please note these guidelines are for preparing CRC manuscripts.

Yours sincerely
Physics Procedia

How to download the CRC template

Please download the Elsevier CRC package (which requires LaTeX 2e for use) from the following website:

<http://www.elsevier.com/wps/find/authorsview.authors/latex-crc>

If the hyperlink does not work copy and paste the text into your browser window.

The package you need to download is called `espcrc1`. The package is available in the following formats:

Unix (`tar.gz` format), Windows (`zip` – Winzip, `pkzip` – format)

Macintosh (`zip` format)

Please choose the package that is appropriate for your own computer system. Each package contains the following files:

`espcrc1.sty` – which is the document style

`espcrc1.tex` – which is a small sample article

`readme1` – which is the readme file

For your convenience, we also include the author guide in PDF format in your author package, file name `Author Guide Physics Procedia espcrc1.pdf`

How to use the `espcrc1` CRC package

To use the CRC package, please extract the files to your hard disk, and copy them to the directories appropriate for TeX. You can then run `espcrc1.tex` through LaTeX, review the result and use this text as a guide for writing your paper.

The document style can be used with LaTeX 2.09 (14 January 1992 or later) and LaTeX2e. For advanced mathematics, we suggest to combine it with AMS-LaTeX.

Formatting your document

Formatting your document (please refer to the file Author Guide Physics Procedia `espcrc1.pdf` for complete details)

The full instructions for setting your paper are to be found in the file `espcrc1.tex`. We include a summary of the main points here for your convenience. Please refer to `espcrc1.tex` for further details.

(a) Text Format

Text should be produced within a total width of 16cm and a maximum length of 21cm on first pages and 23cm on second and following pages.

(b) Fonts

12 point Computer Modern Roman. Other recommended fonts include 12 point Times Roman, New Century Schoolbook, Bookman Light and Palatino.

(c) Spacing

We normally recommend the use of 1.0 (single) line spacing. However, when typing complicated mathematical text $\backslash\text{LaTeX}\{\}$ automatically increases the space between text lines in order to prevent sub- and superscript fonts overlapping one another and making your printed matter illegible.

(d) Equations

Equations should be flush-left with the text margin; LaTeX ensures that the equation is preceded and followed by one line of white space. You need not put in equation numbers, since this is taken care of automatically. The equation numbers are always consecutive and are printed in parentheses flush with the right-hand margin of the text and level with the last line of the equation.

(e) Tables and Illustrations

Tables should be made with LaTeX; illustrations should be originals or sharp prints. They should be arranged throughout the text and preferably be included on the same page as they are first discussed. They should have a self-contained caption and be positioned in flush-left alignment with the text margin.

Horizontal lines should be placed above and below table headings, above the subheadings and at the end of the table above any notes. Vertical lines should be avoided. If a table is too long to fit onto one page, the table number and headings should be repeated above the continuation of the table.

(f) Illustrations

Line drawings

Line drawings may consist of laser-printed graphics or professionally drawn figures attached to the manuscript page, correctly aligned. They should be placed either at the bottom or at the top of the page. In the latter case the top of the figure should be at the same level as the first text line.

All notations and lettering should be no less than 2.5 mm high. The use of heavy black, bold lettering should be avoided as this will look unpleasantly dark when printed. Do not use too light or too dark shading in your figures. The pages will be reduced to 75-80% of their present size; too dark a shading may become too dense while a very light shading made of tiny points may fade away during reproduction.

PostScript figures

Instead of providing separate drawings or prints of the figures you may also use PostScript files which are included into your LaTeX file and printed together with the text. However, Grey-scale and colour photographs cannot be included in this way, since reproduction from the printed CRC article would give insufficient typographical quality.

Black and white photographs

Photographs must always be sharp originals and rich in contrast.

Colour photographs

Sharp originals (not transparencies or slides) should be submitted close to the size expected in publication.

(g) References

References should be collected at the end of your paper. Do not begin them on a new page unless this is absolutely necessary. They should be prepared according to the sequential numeric system making sure that all material mentioned is generally available to the reader. Use \cite to refer to the entries in the bibliography so that your accumulated list corresponds to the citations made in the text body.

Here is an example of some references listed according to the sequential numeric system:

1. S. Scholes, Discuss. Faraday Soc. No. 50 (1970) 222.
2. O.V. Mazurin and E.A. Porai-Koshits (eds.), Phase Separation in Glass, North-Holland, Amsterdam, 1984.
3. Y. Dimitriev and E. Kashchieva, J. Mater. Sci. 10 (1975) 1419.
4. D.L. Eaton, Porous Glass Support Material, US Patent No. 3 904 422 (1975).

(h) File naming and delivery

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In conclusion

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