

LaTeX file guidelines

Preparing typeset articles with LaTeX

For those authors who use LaTeX to write their articles, we have developed the Elsevier LaTeX package. You need LaTeX 2e, or LaTeX version 2.09 of 14 January 1992, if you want to use it.

- Users of LaTeX 2e need only one file: the class file [elsart.cls](#).
- Users of LaTeX 2.09 need two files: the main document style [elsart.sty](#) and the file with the point-size related definitions [elsart12.sty](#)

How to use the document class elsart

The following files may help you in writing articles with the elsart document class. The guidelines explain features which are specific for the elsart style. The template files may serve as a starting point for your article.

- Articles with Harvard style (author-year) references: [guidelines](#) (pdf format) and [template file](#)
- Articles with numbered references: [guidelines](#) (pdf format) and [template file](#).

Note that the template file does not run without TeX error messages until you have supplied title and author information.

BibTeX style files

Use:

- BibTeX style file [elsart-harv.bst](#) for articles with Harvard style (author-year) references. When you use this style file, you should also use the natbib package.
- BibTeX style file [elsart-num.bst](#) for articles with numbered references.

Other documentation for authors.

Our instruction booklet *Preparing articles with LaTeX* is available in [DVI](#) format (you need AMSFonts v2.1 to be able to print the documentation in DVI format), in [PostScript](#) format or in [PDF](#) format.

Preparing IFAC papers with LaTeX

The package for IFAC papers consists of the following files:

- The class file [ifacmtg.cls](#).
- The BibTeX style file [ifac.bst](#).
- The sample file [ifacsam.tex](#).
- The sample file on letter paper format [ifacsam-letter.tex](#)
- The BibTeX database for the sample file [ifacsam.bib](#)

How to use the document class ifacmtg

Other than the sample file, there is no specific instruction on how to use the ifacmtg.cls document class. Since it is similar to elsart.cls, the guidelines and other documentation for authors, mentioned above, may be helpful.

Preparing Proceedings articles with LaTeX

For authors preparing an article for a Conference Proceedings, we have developed a number of class files which print the article in the layout of the journal in which the Proceedings is to be published.

Elsevier's journals use one of a set of standard layouts numbered 1–6. For each layout we may provide a separate class file, called elsart*N*.cls, where *N* is the number of the layout. Please, ask the editorial office of the Conference Proceedings or of the journal which layout is suitable for your particular Conference.

At the moment the following class file is provided:

[elsart3.cls](#)

Because these class files are based upon elsart.cls, you also need the document class [elsart.cls](#). The guidelines and the template files are the same as for elsart.cls, see [above](#).

Preparing CRC articles with LaTeX.

For authors of Camera-Ready Copy (CRC) we have developed the Elsevier CRC package. You need LaTeX 2e if you want to use it. It comes in two versions:

One-column articles.

To write a one-column article, you need the package espcrc1. Download the package

- with [files for Unix](#) (tar.gz format),
- or with [files for Windows](#) (zip – Winzip, pkzip – format),
- or with [files for Macintosh](#) (zip format).

Two-column articles.

To write a two-column article, you need the package espcrc2. Download the package

- with [files for Unix](#) (tar.gz format),
- or with [files for Windows](#) (zip – Winzip, pkzip – format),
- or with [files for Macintosh](#) (zip format).

The packages contain the files:

- espcrc1.sty or espcrc2.sty, the document style.
- espcrc1.tex or espcrc2.tex, the author guide.
- Readme1 or Readme2, the readme fil.

The author guide is also available in Postscript or PDF format: [espcrc1.ps](#), [espcrc1.pdf](#), [espcrc2.ps](#), [espcrc2.pdf](#).

Useful LaTeX packages

The guidelines suggest several useful LaTeX packages. If you do not already have them on your TeX system, you may get them from the Comprehensive TeX Archive Network (CTAN).

CTAN is an archive with up-to-date copies of all the public-domain versions of TeX, LaTeX, Metafont and ancillary programs, which is made available via a mirrored network of FTP servers.

You can enter the CTAN archive via a web interface in [the UK](#), [in the USA](#), or [in Germany](#) (page in German). You can search for a package on CTAN via this [interface](#).

You can also enter the archive via FTP at [ftp.tex.ac.uk](ftp://ftp.tex.ac.uk), at [ftp.dante.de](ftp://ftp.dante.de), at ctan.tug.org, or at one of the many mirror servers; see [this list](#) or [this list](#) of CTAN mirror sites.

When a CTAN server does not respond, please try another one.

Note that CTAN is not related to Elsevier, and that Elsevier's author support cannot accept complaints or answer questions about the availability of any CTAN server.

These packages are recommended for usage with our document styles:

- The [natbib](#) package.
- The various [graphics](#) packages.
- The various [amsfonts](#) packages, including the amssymb package.