

# Using the WITPress L<sup>A</sup>T<sub>E</sub>X Document Class

## 1 Introduction

This L<sup>A</sup>T<sub>E</sub>X Document Class has been designed to satisfy the specifications of the WITPress guidelines for author submissions. This class caters to the three different sizes of books, demy 8vo (216 × 138 mm), royal 4to (230 × 155 mm) and crown quarto (242 × 165 mm). For conference proceedings please use royal 4to. The class has been derived from the standard L<sup>A</sup>T<sub>E</sub>X article class, and this documentation addresses the differences from the article class.

## 2 Document Options

The following document class options are supported:

**demy, quarto, royal** The book size is specified as a document option. The options are demy, royal and quarto for the respective book sizes.

**papersizes** These are the same as the standard paper sizes available in the `article` class – `a4paper`, `a5paper`, `b5paper`, `letterpaper`, `legalpaper` and `executivepaper`. The type area as determined by one of the three book sizes will be centered to the paper size.

**oneside, twoside** The `twoside` option only affects the placement of marginal notes. The margins on odd and even pages are identical as the type area is always centered to the papersize selected.

**draft, final** This has the same effect as in the `article` class. The use of the `graphics` package for the inclusion of figures is recommended and the `draft` option is passed on to this packages.

**cmfonts** The class file loads up the `times` package by default. If you do not have suitable times fonts, then you may disable this by specifying the `cmfonts` option to the document class. Only text fonts are changed to

times and the math remains in Computer Modern. If you have access to the commercial YandY MathTime fonts, you may load these math fonts using either the `mathtime` or `mt11p` packages. If you cannot use the MathTime fonts, you may use the `mathptm` package which selects suitable alternatives to Computer Modern for mathematics.

If you do not specify any options to the document class, the default options chosen are `a4paper`, `demy`, `twoside` and `final`.

### 3 The Opening Page

The WITPress document class allows the use of the standard article commands `\title`, `\author`, `\maketitle` as well as the `\chapter` command from the book class. You should use either of these alternatives depending on whether you are contributing an article to a book or authoring an entire book.

This class contains an additional command `\address` command for formatting your affiliation. The order of commands to be used is `\title`, `\author`, `\address` and `\maketitle`. You may also use the `abstract` environment for your article abstract.

### 4 The Document Body

Four levels of headings are provided. The commands for the headings are `\section`, `\subsection`, `\subsubsection` and `\paragraph` for first, second, third and fourth level headings, respectively.

#### 4.1 Figures and Tables

Figures and tables should be coded using the standard `figure` and `table` environments. Figures should be included using the `graphics` or `graphicx` packages. Tables are best coded using the `tabular` or `tabbing` environments. Figure and tables captions are automatically centered if they are less than one line in length, and are justified to the text measure if they exceed one line, with the second and subsequent lines left aligned with the first word of the caption.

## 4.2 Appendix, References and Index

These environments are the same as in the `article` class. The heading for the `thebibliography` environment has been changed to ‘References’ instead of ‘Bibliography’. The BibTeX bibliography style file, `witpress.bst` can be used with the command `\bibliographystyle{witpress}` in your main L<sup>A</sup>T<sub>E</sub>X file. Using the `theindex` environment generates an index set in two column format.

## 4.3 Other commands

In addition to the standard L<sup>A</sup>T<sub>E</sub>X environments, this class also contains environments like `quote`, `quotation`, `verse` which are the same as those found in the `article` class.

## 5 Submitting Your Files

Because this class file is largely derived from the standard L<sup>A</sup>T<sub>E</sub>X `book` and `article` classes, there should be no compatibility problems with other L<sup>A</sup>T<sub>E</sub>X packages. It should be kept in mind, however, the greater the number of packages you use, the greater the difficulties that WITPress may have processing your files.

If you are submitting Camera Ready Copy (CRC) for publishing, you must keep in mind the following points.

- PostScript or PDF files are preferred. DVI files may not be acceptable.
- Always use PostScript Type 1 fonts and not the standard bitmap fonts generated by MetaFont as these are generated for a specific resolution and not suitable for publishing. The times font is freely available in Type 1 format. The entire set of Computer Modern fonts in Type 1 format is also available from CTAN sites.
- Please send all your L<sup>A</sup>T<sub>E</sub>X files and figures in case your PostScript or PDF files are not suitable for printing.

## 6 Getting Help

If you require help with L<sup>A</sup>T<sub>E</sub>X you are advised to consult the L<sup>A</sup>T<sub>E</sub>X FAQ or browse documentation available at the Comprehensive TeX Archive Network (CTAN) nodes. One principal node is [www.ctan.org](http://www.ctan.org) which would provide you with links to other, closer network nodes. You could also try addressing your queries to the newsgroup `comp.text.tex` which is a valuable

source of information for beginners as well as advanced users.  
We wish you all the best with your L<sup>A</sup>T<sub>E</sub>Xing!