A Demonstration of the LaTeX2ε Class File for *Electronic Workshops in Computing*

Alistair Smith

Sunrise Setting Ltd, 12a Fore Street, St. Marychurch,
Torquay, Devon, TQ1 4NE, UK
www.sunrise-setting.co.uk
alistair.smith@sunrise-setting.co.uk

Abstract

This paper describes the use of the LaTeX2ε ewic.cls class file for setting papers for *Electronic Workshops in Computing*.

Keywords: eWiC, LaTeX2ε, Class File

1. INTRODUCTION

This paper describes the ewic.cls class file which can be used to convert articles produced with other LaTeX2ε class files into the correct form for publication by *Electronic Workshops in Computing*.

The ewic.cls class file preserves much of the standard LaTeX2ε interface so that any document which has been produced using the standard LaTeX2ε article style can easily be converted to work with the ewic style. However, the width of text and typesize may vary from that of *article*; therefore *line breaks will change* and it is possible that computer listings and displayed mathematics may need resetting.

In the following sections we describe how to lay out your code to use ewic.cls to reproduce the typographical look required for online publication. However, this short paper is not a guide to using LaTeX2ε and we would refer you to any of the many books available (see, for example, References [**?**, **?**, **?**]).

In addition, you should consult *eWiC: Information for authors* for more general instructions about submission and preparation of your paper.

2. GETTING STARTED

Simply place ewic.cls and ewic.tex in your systems usual directories and typeset using your LaTeX2ε or pdfLaTeX command. The ewic class file should run on any standard LaTeX2ε installation. If any of the fonts, style files or packages it requires are missing from your installation, they can be found on CTAN or the *TeX Live* CD-ROMs.

eWiC is published using sans serif fonts for the text, hence the default setting of the class file is to use Helvetica which should be easily accessible with most standard LaTeX2ε installations. However, should this cause problems with your system there is an option to use Computer Modern sans serif fonts instead: see the example header in the next section.

3. THE ARTICLE HEADER INFORMATION

The heading for any file using ewic.cls is like this:

```
\documentclass{ewic}
%Use the next line instead if you need a CM text font
%\documentclass[cm]{ewic}

\begin{document}

\header{<Your Paper Title>}

\footer{<Title of your Conference>\\
<Maybe a Second Line>}

\title{<Your Paper title>}

\author{<A. N. Author>\\
<A full postal address>\\
\email{<Your email address>}}

\begin{abstract}
<Abstract text>
\end{abstract}

\keywords{<list keywords>}

\section{INTRODUCTION}
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
```

That really is all you should need to know to prepare your paper using ewic.cls.

You do, of course, have the option to call in any of your favourite packages for setting maths, graphics, computer listings, etc.

REFERENCES

[1] Goossens M, Mittelbach F and Samarin A. (1994) *The LATEX Companion.* Addison-Wesley.

[2] Kopka H and Daly PW. (1995) *A Guide to LATEX 2$_\varepsilon$: Document Preparation for Beginners and Advanced Users* (2nd edn). Addison-Wesley.

[3] Lamport L. (1994) *LATEX: A Document Preparation System* (2nd edn). Addison-Wesley.