ASWN 2003 - Author Guide

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Abstract

These instructions shall help you to produce a camera ready version of your ASWN 2003 submission. You will find all the necessary definitions and requirements of the conference proceedings. This author guide was written in LaTeX and complies with it's own definitions made herein. Therefore, it should be used as reference paper when preparing your submission.

1 Introduction

This guide is being provided to the authors of accepted papers from the ASWN 2003 conference to ensure a uniform look of the conference proceedings. Therefore, you're required to closely follow the instructions found in the guide.

You are strongly encouraged to use LaTeX [5] when creating the camera ready version of your paper. The guide itself is written in LaTeX using the camera-ready requirements.

However, if you do not use LaTeX you will have to configure your editing program in a way that your submission matches the following requirements.

2 Camera-ready Requirements

These requirements are necessary to ensure that the conference proceedings will have a uniform look.

Later examples will show how to comply with these requirements using LaTeX, but you are free to configure any other editing program to obtain these results.

2.1 Printing Area

The printing area is 122 mm x 193 mm (see Figure 1). The text should be justified to occupy the full line width. Also, the text should occupy the full page height (if possible) and always end at the same position at the bottom of a filled page.

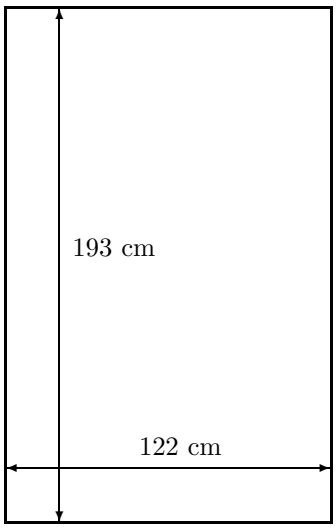

Figure 1: Printing area

2.2 Document Structure

Your paper should provide the following basic information in the presented order:

1. Title
2. Author(s)
3. Contact information of author(s) (postal and electronic address(es))
4. Abstract
5. Content

2.3 Document Layout

Your submission must be in PDF format and should comply with the definitions of the font family, size and style as well as with the heading numbering shown in Table 1. The number of total pages should not exceed 10.

The document must be in single column (printer requirement). The fonts used in the document must have serifs, e.g. Computer Modern Roman or Times. For the main text single-line spacing should be used. The header and footer of the page must be empty, e.g. no page numbers or running titles are allowed.

Headings. The headings should be capitalized (i.e. all words except articles, prepositions, and conjunctions should be set with an initial capital).

Note: The title for the references is a 1st level heading and does not contain a section number.

Key elements	Example	Font family, size and style
Title	**Document Title**	Roman, 14 point, bold
Author(s)	Someone	Roman, 10 point
Address(es)	Someplace	Roman, 9 point
E-mail address(es)	someone@someplace	Typewriter, 9 point
Abstract title	**Abstract**	Roman, 9 point, bold
Abstract text	This is the abstract text.	Roman, 9 point
Main text	This is the main text.	Roman, 10 point
1st level headings	**1 Introduction**	Roman, 12 point, bold
2nd level headings	**2.1 Printing Area**	Roman, 10 point, bold
3rd level headings	**Headings.** Text...	Roman, 10 point, bold
4th level headings	*Note:* Text...	Roman, 10 point, italic

Table 1: Key elements font definition

Level	Example	Corresponding LaTeX 2$_\varepsilon$ command
1st	**1 Introduction**	`\section{Introduction}`
2nd	**2.1 Printing Area**	`\subsection{Printing Area}`
3rd	**Headings.** Text...	`\paragraph{Headings.}`
4th	*Note:* Text...	`\subparagraph{Note:}`

Table 2: Heading level and corresponding LaTeX commands

3 Implementation of the Requirements

The implementation of the camera-ready guidelines based on LaTeX is now explained in detail. The following code snippets can be found in the LaTeX template file `template.tex` available on the ASWN2003 Internet site [1].

3.1 Document Header

The header contains all the global settings valid for the whole document.

The used document class should be `article` with the options `a4paper` and `twoside`, which ensures that the print area on the foreground matches exactly the one on the background of a sheet.

To set up the four different heading levels the package `sectsty` [3] has been used. With its help four corresponding LaTeX commands have been configured accordingly (see Table 2).

The print area has been specified by setting the text width and height with the commands `\textwidth` and `\textheight`.

```
% use class article,
% set paper size to a4,
% twoside enables exact match of front and back page on a sheet
\documentclass[a4paper,twoside]{article}

% package for font modifications of headings
\usepackage{sectsty}

% set font size for 1st level heading (section) to 12 point
\sectionfont{\large\bfseries}
% set font size for 2nd level heading (subsection) to 10 point
\subsectionfont{\normalsize\bfseries}
% Note: do not use \subsubsection{} command
% set font size for 3rd level heading (paragraph) to 10 point
\paragraphfont{\normalsize}
% set font size for 4th level heading (subparagraph) to 10
% point italic
\subparagraphfont{\normalsize\mdseries\itshape\raggedleft}

% set printing area width to 122mm
\setlength{\textwidth}{122mm}
% set printing area height to 193mm
\setlength{\textheight}{193mm}

% fill page bottom
\flushbottom
% empty page (no page numbers or headers)
\pagestyle{empty}
```

3.2 Document Title Page Information

The commands for the title, the author, and the postal and the e-mail address require additional font format commands.

```
% document start
\begin{document}

% document title with roman 14 point bold font
\title{\Large\bfseries The Real Title}
% document author with roman 10 point font
\author{\normalsize someone}
% author address with roman 9 point font,
% author e-mail address with typewriter 9 point font
\date{\small somplace, country\\[1ex]
      \texttt{someone@someplace.country}}
% generate title
```

```
\maketitle
% remove page number on title page
\thispagestyle{empty}
% abstract start
\begin{abstract}
abstract text
% abstract end
\end{abstract}

\section{Introduction}
```

References

[1] LaTeX Template for ASWN Submissions. Available online from `http://www.iam.unibe.ch/~rvs/events/ASWN_2003/`, 2003.

[2] H. Kopka and P. Daly. *A Guide to LaTeX*. Addison-Wesley, 3rd edition, 1999.

[3] R. McDonnell. The sectsty package v2.0.2. Available online from `http://www.ctan.org/tex-archive/help/Catalogue/entries/sectsty.html`, 2002.

[4] C. Schenk. MiKTeX v2.2. Available online from `http://www.miktex.org/`, 2003.

[5] The LaTeX3 Project. LaTeX: A document preparation system. Available online from `http://www.latex-project.org/`.