

# A Quick Guide to the AAI Style for L<sup>A</sup>T<sub>E</sub>X2e

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## Abstract

This document provides a very brief overview of the AAI style file for L<sup>A</sup>T<sub>E</sub>X2e. It is assumed that you already understand L<sup>A</sup>T<sub>E</sub>X in general, and that you are familiar with the AAI “Instructions to Authors.” This document just tells you how to use the `aaai.sty` style file to satisfy the instructions.

## 1 Obtaining the Style File

The latest version of the style file is available via the World-Wide Web from

<http://www.aaai.org/Publications/Templates/aaai.sty>

You should download this file and place it in a file named `aaai.sty` in the T<sub>E</sub>X search path. Placing it in the same directory as the paper should also work (unless you have done something silly with your search paths).

## 2 Using the Style File

In the L<sup>A</sup>T<sub>E</sub>X source for your paper, place the following line after the `\documentclass` line but before `\begin{document}`:

```
\documentclass[letterpaper]{article}
```

```

\usepackage{aaai}
\usepackage{times}
\usepackage{helvet}
\usepackage{courier}
\pdfinfo{
/Title (Input Your Title Here)
/Subject (Input The Proceedings Title Here)
/Author (Input First Name, Last Name; Separated by Semicolons)}

```

### 3 Preparing your Paper

Papers are to be prepared as follows:

```

\documentclass[letterpaper]{article}
\usepackage{aaai}
\usepackage{times}
\usepackage{helvet}
\usepackage{courier}
\title{Title}
\author{Author 1 \and Author 2 \\ Address line \\ Address line \And
Author 3 \\ Address line \\ Address line}
\begin{document}
\maketitle
...
\bibliography{Bibliography-File}
\bibliographystyle{aaai}
\end{document}

```

Various alternatives and additional commands are described below.

#### 3.1 Formatting Author Information

Author information can be set in various styles:

- For several authors from the same institution, use `\and`:

```

\author{Author 1 \and ... \and Author n \\
Address line \\ ... \\ Address line}

```

If the names do not fit well on one line use:

```
\author{Author 1 \\\ {\bf Author 2} \\\ ... \\\ {\bf Author n} \\\  
Address line \\\ ... \\\ Address line}
```

- For authors from different institutions, use `\And`:

```
\author{Author 1 \\\ Address line \\\ ... \\\ Address line  
\And ... \And  
Author n \\\ Address line \\\ ... \\\ Address line}
```

- To start a separate “row” of authors, use `\AND`:

```
\author{Author 1 \\\ Address line \\\ ... \\\ Address line  
\AND  
Author 2 \\\ Address line \\\ ... \\\ Address line \And  
Author 3 \\\ Address line \\\ ... \\\ Address line}
```

If the title and author information does not fit in the area allocated, place

```
\setlength\titlebox{height}
```

after the `\documentclass` line where *height* is something like 2.5in.

## 3.2 Adding Acknowledgements

To acknowledge other contributors, grant support, or whatever, use `\thanks` in either the `\author` or `\title` commands. For example:

```
\title{Very Important Results in AI\thanks{This work is  
supported by everybody.}}
```

Multiple `\thanks` commands can be given. Each will result in a separate footnote indication in the author or title with the corresponding text at the bottom of the first column of the document. For example:

```
\author{A. Researcher\thanks{Now at Microsoft.} \and  
B. Researcher\thanks{Not at Microsoft.}}
```

One common error with `\thanks` is forgetting to use `\protect` on what  $\LaTeX$  calls “fragile” commands.

### 3.3 Adding a Publication Note

To add a comment to the header of document, use `\pubnote`, as in:

```
\pubnote{\emph{To appear, AAAI-94}}
```

This should be placed after the title and author information but before `\maketitle`. Note that `\pubnote` is for printing the paper yourself, and should not be used in submitted versions!

### 3.4 Copyright Information

By default, the AAAI copyright slug will be printed at the bottom of the first column of your document. To not print any copyright slug, use `\nocopyright` somewhere before `\maketitle`. To change the year in the copyright slug from the current year, use:

```
\copyrightyear{year}
```

To change the entire text of the copyright slug, use:

```
\copyrighttext{text}
```

Either of these must appear before `\maketitle`.

## 4 Bibliography Style and References

The `aaai.sty` file includes a set of definitions for use in formatting references with Bib<sub>T</sub>E<sub>X</sub>. These definitions make the bibliography style closer to the one specified in the “Instructions to Authors” for AAAI papers. To use these definitions, you also need the Bib<sub>T</sub>E<sub>X</sub> style file `aaai.bst`, available from wherever you obtained `aaai.sty`. Then, at the end of your paper but before `\end{document}`, you need to put the following lines:

```
\bibliographystyle{aaai}  
\bibliography{bibfile1,bibfile2,...}
```

The list of files in the `\bibliography` command should be the names of your Bib<sub>T</sub>E<sub>X</sub> source files (that is, the `.bib` files referenced in your paper). The following commands are available for your use in citing references:

`\cite`: Cites the given reference(s) with a full citation. This appears as “(Author Year)” for one reference, or “(Author Year; Author Year)” for multiple references.

`\shortcite`: Cites the given reference(s) with just the year. This appears as “(Year)” for one reference, or “(Year; Year)” for multiple references.

`\citeauthor`: Cites the given reference(s) with just the author name(s) and no parentheses.

`\citeyear`: Cites the given reference(s) with just the year(s) and no parentheses.

## 5 A Note on Printing

Some laser printers have a serious problem printing T<sub>E</sub>X output. These printing devices, commonly known as “write-white” laser printers, tend to make characters too light. To get around this problem, a darker set of fonts must be created for these devices.

## Acknowledgements

Originally prepared by Peter F. Patel-Schneider, liberally using the ideas of other style hackers, including Barbara Beeton. This style is NOT guaranteed to work. It is provided in the hope that it will make the preparation of papers easier. There are undoubtedly bugs in this style. If you make bug fixes, improvements, etc. please let me know. My e-mail address is: `pfps@research.bell-labs.com`. (Please also notify AAAI.) The preparation of this file was supported by Schlumberger Palo Alto Research, AT&T Bell Laboratories, AAAI, and Morgan Kaufmann Publishers. Bibliography style changes added by Sunil Issar, `si@cs.cmu.edu`. `\pubnote` added by J. Scott Penberthy. George Ferguson, `ferguson@cs.rochester.edu`, added support for printing the AAAI copyright slug and pieced together this document from the comments in `aaai.sty`.

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