

Formatting Instructions for Authors Using L^AT_EX 02285 AI & MAS

Author 1

Study number author 1

Author 2

Study number author 2

Author 3

Study number author 3

Author 4

Study number author 4

Abstract

The abstract goes here. Please read this document carefully before preparing your manuscript.

To ensure that all reports have a uniform appearance corresponding to published papers at the major AI conferences (like IJCAI and AAAI), authors must adhere to the following instructions.

1 Introduction

This document details the requirements necessary to get your report formatted using L^AT_EX. If you are using Microsoft Word, instructions are provided in a different document.

All authors must comply with the following:

- Use the provided author kit.
- Prepare your paper by modifying this file (`formatting-instructions-latex.tex`) if using L^AT_EX.
- Adhere to the stated page limitations.
- Check every page of your report before submitting it.
- Remember to put your names and study numbers in the `\author{}` field, and include your group name in the `\title{}` field.

2 Bibliography

Your bibliography should be formatted using `aaai.bst` as this document. Citations are included like so (Great 2015). Multiple citations appear like this (Author, Author, and Author 2015; Power 2015). All references to be cited should be included in BibTeX format in the file `bibliography.bib`.¹

3 Using L^AT_EX to Format Your Paper

Make sure that the AAAI style file `aaai.sty` and the bibliography file `aaai.bst` are in the same folder as your L^AT_EX source files.

¹Almost anything ever published can be found in BibTeX format via Google Scholar, but if using this method, you need to check the BibTeX entry for sanity before including it in the `bibliography.bib` file.

3.1 Illegal Commands

The following commands may not be used in your paper:

- `\input`
- `\vspace` (when used before or after a section or subsection)
- `\addtolength`
- `\columnsep`
- `\top margin` (or `text height` or `addsidemargin` or `even side margin`)
- `trim` or `clip` (used to crop figures)

3.2 Paper Size, Margins, and Column Width

Papers must be formatted to print in two-column format on 8.5 x 11 inch US letter-sized paper. The margins must be exactly as follows:

- Top margin: .75 inches
- Left margin: .75 inches
- Right margin: .75 inches
- Bottom margin: 1.25 inches

This is ensured by the following commands in the preamble (assuming you use PDFL^AT_EX to compile the document):

```
\setlength{\pdfpagewidth}{8.5in}
\setlength{\pdfpageheight}{11in}
```

Column Width and Margins. To ensure maximum readability, your paper must include two columns. Each column should be 3.3 inches wide (slightly more than 3.25 inches), with a .375 inch (.952 cm) gutter of white space between the two columns. The `aaai.sty` file will automatically create these columns for you.

3.3 Overlength Papers

If your paper is too long, try to shrink the size of your graphics. Use `\centering` instead of `\begin{center}` in your figure environment. If these two methods don't work, you may minimally use the following. For floats (tables and figures), you may minimally reduce `\floatsep`, `\textfloatsep`, `\abovecaptionskip`, and `\belowcaptionskip`. For mathematical environments, you may minimally reduce `\abovedisplayskip`, `\belowdisplayskip`, and `\arraycolsep`.

You may also alter the size of your bibliography by inserting `\fontsize{9.5pt}{10.5pt} \selectfont` right before the bibliography.

Commands that alter page layout are forbidden. These include `\columnsep`, `\topmargin`, `\topskip`, `\textheight`, `\textwidth`, `\oddsidemargin`, and `\evensidemargin` (this list is not exhaustive).

The title sec package is not allowed. Before using every trick you know to make your paper a certain length, try reducing the size of your graphics or cutting text instead.

3.4 Type Font and Size

Your paper must be formatted in Times Roman or Nimbus. We will not accept papers formatted using Computer Modern or Palatino or some other font as the text or heading typeface. Sans serif, when used, should be Courier. Use Symbol or Lucida or Computer Modern for *mathematics only*.

Formatting Author Information If the authors (group members) don't fit in a single "row", use `\AND` to start a new row:

```
\author{Author 1 \\\ Study number 1
\AND
Author 2 \\\ Study number 2
\And
Author 3 \\\ Study number 3 \\\
}
```

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.

L^AT_EX Overflow. L^AT_EX users please beware: L^AT_EX will sometimes put portions of the figure or table or an equation in the margin. If this happens, you need to scale the figure or table down, or reformat the equation. Check your log file!

References

Author, F.; Author, S.; and Author, P. 2015. This is the title of a conference paper. In *This is the title of the proceedings/conference*, 1–100.

Great, A. 2015. *This is the book title*. This is the name of the publisher.

Power, M. 2015. This is the title of a journal article. *This is the name of the journal* 8(1):2–3.