

Extended Abstract Formatting Instructions For CASML 2025

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Affiliation

Address

email

Abstract

1 The abstract paragraph should be indented 1/2 inch (3 picas) on both the left- and
2 right-hand margins. Use 10 point type, with a vertical spacing (leading) of 11 points.
3 The word **Abstract** must be centered, bold, and in point size 12. Two line spaces
4 precede the abstract. The abstract must be limited to one paragraph.

5 1 Submission of papers to CASML 2025

6 Please find the instructions below.

7 1.1 Style

8 Extended abstracts to be submitted to CASML 2025 must be prepared according to the instructions
9 presented here. Abstracts may only be up to **5** pages long for Paper submission and upto **2** Poster
10 submission, including figures. Additional pages *containing only acknowledgments and references* are
11 allowed. Papers that exceed the page limit will not be reviewed, or in any other way considered for
12 presentation at the conference.

13 2 General formatting instructions

14 The text must be confined within a rectangle 5.5 inches (33 picas) wide and 9 inches (54 picas) long.
15 The left margin is 1.5 inch (9 picas). Use 10 point type with a vertical spacing (leading) of 11 points.
16 Times New Roman is the preferred typeface throughout, and will be selected for you by default.
17 Paragraphs are separated by 1/2 line space (5.5 points), with no indentation.

18 The paper title should be 17 point, initial caps/lower case, bold, centered between two horizontal
19 rules. The top rule should be 4 points thick and the bottom rule should be 1 point thick. Allow 1/4 inch
20 space above and below the title to rules. All pages should start at 1 inch (6 picas) from the top of the
21 page.

22 The authors' names are set in boldface, and each name is centered above the corresponding address.
23 The lead author's name is to be listed first (left-most), and the co-authors' names (if different address)
24 are set to follow. If there is only one co-author, list both author and co-author side by side.

25 Please pay special attention to the instructions in Section 4 regarding figures, tables, acknowledgments,
26 and references.

27 3 Headings: first level

28 All headings should be lower case (except for first word and proper nouns), flush left, and bold.

29 First-level headings should be in 12-point type.

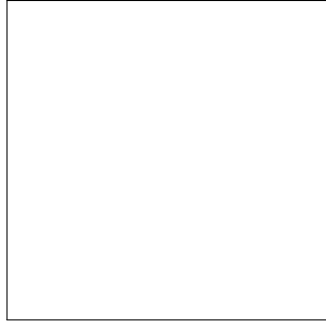


Figure 1: Sample figure caption.

30 **3.1 Headings: second level**

31 Second-level headings should be in 10-point type.

32 **3.1.1 Headings: third level**

33 Third-level headings should be in 10-point type.

34 **Paragraphs** There is also a `\paragraph` command available, which sets the heading in bold, flush
35 left, and inline with the text, with the heading followed by 1 em of space.

36 **4 Citations, figures, tables, references**

37 These instructions apply to everyone.

38 **4.1 Citations within the text**

39 The `natbib` package will be loaded for you by default. Citations may be author/year or numeric, as
40 long as you maintain internal consistency. As to the format of the references themselves, any style is
41 acceptable as long as it is used consistently.

42 The documentation for `natbib` may be found at

43 `http://mirrors.ctan.org/macros/latex/contrib/natbib/natnotes.pdf`

44 Example citations Garcia and Brown [2021]. For Multiple citations use Garcia and Brown [2021],
45 Lee et al. [2022], Smith and Johnson [2023]

46 **4.2 Footnotes**

47 Footnotes should be used sparingly. If you do require a footnote, indicate footnotes with a number¹
48 in the text. Place the footnotes at the bottom of the page on which they appear. Precede the footnote
49 with a horizontal rule of 2 inches (12 picas).

50 Note that footnotes are properly typeset *after* punctuation marks.²

51 **4.3 Figures**

52 All artwork must be neat, clean, and legible. Lines should be dark enough for purposes of reproduction.
53 The figure number and caption always appear after the figure. Place one line space before the figure
54 caption and one line space after the figure. The figure caption should be lower case (except for first
55 word and proper nouns); figures are numbered consecutively.

¹Sample of the first footnote.

²As in this example.

Table 1: Sample table title

Part		
Name	Description	Size (μm)
Dendrite	Input terminal	~ 100
Axon	Output terminal	~ 10
Soma	Cell body	up to 10^6

You may use color figures. However, it is best for the figure captions and the paper body to be legible if the paper is printed in either black/white or in color.

4.4 Tables

All tables must be centered, neat, clean and legible. The table number and title always appear before the table. See Table 1.

Place one line space before the table title, one line space after the table title, and one line space after the table. The table title must be lower case (except for first word and proper nouns); tables are numbered consecutively.

Note that publication-quality tables *do not contain vertical rules*. We strongly suggest the use of the booktabs package, which allows for typesetting high-quality, professional tables:

<https://www.ctan.org/pkg/booktabs>

This package was used to typeset Table 1.

4.5 Math

Note that display math in bare TeX commands will not create correct line numbers for submission. Please use LaTeX (or AMSTeX) commands for unnumbered display math. (You really shouldn't be using \$\$ anyway; see <https://tex.stackexchange.com/questions/503/why-is-preferable-to> and <https://tex.stackexchange.com/questions/40492/what-are-the-differences-between-align-equation-and-displaymath> for more information.)

4.6 Final instructions

Do not change any aspects of the formatting parameters in the style files. In particular, do not modify the width or length of the rectangle the text should fit into, and do not change font sizes (except perhaps in the **References** section; see below). Please note that pages should be numbered.

5 Preparing PDF files

Please prepare submission files with paper size "US Letter," and not, for example, "A4."

Fonts were the main cause of problems in the past years. Your PDF file must only contain Type 1 or Embedded TrueType fonts. Here are a few instructions to achieve this.

- You should directly generate PDF files using `pdflatex`.
- You can check which fonts a PDF file uses. In Acrobat Reader, select the menu Files>Document Properties>Fonts and select Show All Fonts. You can also use the program `pdf fonts` which comes with `xpdf` and is available out-of-the-box on most Linux machines.
- `xfig` "patterned" shapes are implemented with bitmap fonts. Use "solid" shapes instead.
- The `\bbold` package almost always uses bitmap fonts. You should use the equivalent AMS Fonts:

```
\usepackage{amsfonts}
```

91 followed by, e.g., `\mathbb{R}`, `\mathbb{N}`, or `\mathbb{C}` for \mathbb{R} , \mathbb{N} or \mathbb{C} . You can also
92 use the following workaround for reals, natural and complex:

```
93 \newcommand{\RR}{\mathbb{R}} %real numbers
94 \newcommand{\Nat}{\mathbb{N}} %natural numbers
95 \newcommand{\CC}{\mathbb{C}} %complex numbers
```

96 Note that `amsfonts` is automatically loaded by the `amssymb` package.

97 If your file contains type 3 fonts or non embedded TrueType fonts, we will ask you to fix it.

98 5.1 Margins in L^AT_EX

99 Most of the margin problems come from figures positioned by hand using `\special` or other
100 commands. We suggest using the command `\includegraphics` from the `graphicx` package.
101 Always specify the figure width as a multiple of the line width as in the example below:

```
102 \usepackage[pdftex]{graphicx} ...
103 \includegraphics[width=0.8\linewidth]{myfile.pdf}
```

104 See Section 4.4 in the graphics bundle documentation ([http://mirrors.ctan.org/macros/](http://mirrors.ctan.org/macros/latex/required/graphics/grfguide.pdf)
105 [latex/required/graphics/grfguide.pdf](http://mirrors.ctan.org/macros/latex/required/graphics/grfguide.pdf))

106 A number of width problems arise when L^AT_EX cannot properly hyphenate a line. Please give LaTeX
107 hyphenation hints using the `\-` command when necessary.

108 References

109 References follow the acknowledgments in the camera-ready paper. Use unnumbered first-level
110 heading for the references. Any choice of citation style is acceptable as long as you are consistent. It
111 is permissible to reduce the font size to `small` (9 point) when listing the references. Note that the
112 Reference section does not count towards the page limit.

113 References

- 114 Maria Garcia and Robert Brown. *Introduction to Neuromorphic Computing*. TechBooks Publishing, New York,
115 2021. ISBN 978-1234567890.
- 116 Sarah Lee, Xiao Wang, and Raj Patel. Deep learning for climate change prediction: A comprehensive study.
117 In *Proceedings of the International Conference on Environmental Data Science*, pages 156–170. Global
118 Environmental Society, 2022.
- 119 John Smith and Emily Johnson. Quantum neural networks: A novel approach to machine learning. *Journal of*
120 *Advanced Artificial Intelligence*, 42(3):298–315, 2023.