
Formatting Instructions for Computational Sustainability Workshop at NeurIPS 2023

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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 the Computational Sustainability Workshop at 6 NeurIPS 2023

7 Please read the instructions below carefully and follow them faithfully.

8 1.1 Style

9 Papers to be submitted to the Computational Sustainability Workshop at NeurIPS 2023 (henceforth
10 referred to as CompSust Workshop 2023) must be prepared according to the instructions presented
11 here. Submitted papers may only be up to **4** pages long, including figures. Additional pages *containing*
12 *only acknowledgments and references* are allowed. Papers that exceed the page limit will not be
13 reviewed, or in any other way considered for presentation at the conference.

14 If a paper is accepted, 1 additional page will be allowed for the final camera-ready version for a total
15 of 5 pages, plus additional pages for acknowledgments and references.

16 Authors are required to use the CompSust Workshop 2023 L^AT_EX style files obtainable at the website
17 as indicated below. Please make sure you use the current files and not previous versions. Tweaking
18 the style files may be grounds for rejection.

19 1.2 Retrieval of style files

20 The style files for the CompSust Workshop 2023 and other workshop information are available on the
21 website at

22 <https://www.compsust.net/compsust-2023/>

23 The file compsust_2023.pdf contains these instructions and illustrates the various formatting
24 requirements your CompSust Workshop 2023 paper must satisfy.

25 The only supported style file for the CompSust Workshop 2023 is compsust_2023.sty, written for
26 L^AT_EX 2_ε.

27 The L^AT_EX style file contains three optional arguments: `final`, which creates a camera-ready copy,
28 `preprint`, which creates a preprint for submission to, e.g., arXiv, and `nonatbib`, which will not
29 load the `natbib` package for you in case of package clash.

30 **Preprint option** If you wish to post a preprint of your work online, e.g., on arXiv, using the
31 CompSust Workshop 2023 style, please use the preprint option. This will create a nonanonymized
32 version of your work with the text “Preprint. Work in progress.” in the footer. This version may be
33 distributed as you see fit, as long as you do not say which conference it was submitted to. Please **do**
34 **not** use the final option, which should **only** be used for papers accepted to CompSust Workshop
35 2023.

36 At submission time, please omit the final and preprint options. This will anonymize your
37 submission and add line numbers to aid review. Please do *not* refer to these line numbers in your
38 paper as they will be removed during generation of camera-ready copies.

39 The file `compsust_2023.tex` may be used as a “shell” for writing your paper. You should replace
40 the author, title, abstract, and text of the paper with your own.

41 The formatting instructions contained in these style files are summarized in Sections 2, 3, and 4
42 below.

43 **2 General formatting instructions**

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

48 The paper title should be 17 point, initial caps/lower case, bold, centered between two horizontal
49 rules. The top rule should be 4 points thick and the bottom rule should be 1 point thick. Allow $\frac{1}{4}$ inch
50 space above and below the title to rules. All pages should start at 1 inch (6 picas) from the top of the
51 page.

52 For the final version, authors’ names are set in boldface, and each name is centered above the
53 corresponding address. The lead author’s name is to be listed first (left-most), and the co-authors’
54 names (if different address) are set to follow. If there is only one co-author, list both author and
55 co-author side by side.

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

58 **3 Headings: first level**

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

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

61 **3.1 Headings: second level**

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

63 **3.1.1 Headings: third level**

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

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

67 **4 Citations, figures, tables, references**

68 These instructions apply to everyone.

69 4.1 Citations within the text

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

73 The documentation for natbib may be found at

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

75 Of note is the command `\citet`, which produces citations appropriate for use in inline text. For
76 example,

77 `\citet{hasselmo}` investigated\dotso

78 produces

79 Hasselmo, et al. (1995) investigated...

80 If you wish to load the natbib package with options, you may add the following before loading the
81 `compsust_2023` package:

82 `\PassOptionsToPackage{options}{natbib}`

83 If natbib clashes with another package you load, you can add the optional argument `nonatbib`
84 when loading the style file:

85 `\usepackage[nonatbib]{compsust_2023}`

86 As submission is double blind, refer to your own published work in the third person. That is, use “In
87 the previous work of Jones et al. [4],” not “In our previous work [4].” If you cite your other papers
88 that are not widely available (e.g., a journal paper under review), use anonymous author names in the
89 citation, e.g., an author of the form “A. Anonymous” and include a copy of the anonymized paper in
90 the supplementary material.

91 4.2 Footnotes

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

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

96 4.3 Figures

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

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

103 4.4 Tables

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

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

¹Sample of the first footnote.

²As in this example.

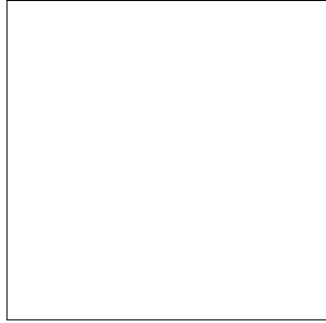


Figure 1: Sample figure caption.

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

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 `pdffonts` 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.

133 • The `\bbold` package almost always uses bitmap fonts. You should use the equivalent AMS
134 Fonts:

135 `\usepackage{amsfonts}`

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

138 `\newcommand{\RR}{I\!\!R} %real numbers`

139 `\newcommand{\Nat}{I\!\!N} %natural numbers`

140 `\newcommand{\CC}{I\!\!C} %complex numbers`

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

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

143 5.1 Margins in L^AT_EX

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

147 `\usepackage[pdftex]{graphicx} ...`

148 `\includegraphics[width=0.8\linewidth]{myfile.pdf}`

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

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

153 6 Supplementary Material

154 Authors may wish to optionally include extra information (complete proofs, additional experiments
155 and plots) in the appendix. All such materials should be part of the supplemental material (submitted
156 separately) and should NOT be included in the main submission.

157 References

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

162 [1] Alexander, J.A. & Mozer, M.C. (1995) Template-based algorithms for connectionist rule extraction. In
163 G. Tesauro, D.S. Touretzky and T.K. Leen (eds.), *Advances in Neural Information Processing Systems 7*, pp.
164 609–616. Cambridge, MA: MIT Press.

165 [2] Bower, J.M. & Beeman, D. (1995) *The Book of GENESIS: Exploring Realistic Neural Models with the*
166 *GENeral NEural Simulation System*. New York: TELOS/Springer-Verlag.

167 [3] Hasselmo, M.E., Schnell, E. & Barkai, E. (1995) Dynamics of learning and recall at excitatory recurrent
168 synapses and cholinergic modulation in rat hippocampal region CA3. *Journal of Neuroscience* **15**(7):5249-5262.