
Formatting instructions for Tackling Climate Change with Machine Learning: workshop at NeurIPS 2026

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Affiliation

Address

email

Abstract

1 The abstract paragraph should be indented ½ 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 About the workshop

6 Many in the ML community wish to take action on climate change, but are unsure of the pathways
7 through which they can have the most impact. This workshop highlights work that demonstrates that,
8 while no silver bullet, ML can be an invaluable tool in reducing greenhouse gas emissions and in
9 helping society adapt to the effects of climate change. Climate change is a complex problem, for
10 which action takes many forms - from theoretical advances to deployment of new technology. Many
11 of these actions represent high-impact opportunities for real-world change, and are simultaneously
12 interesting academic research problems.

13 This workshop is part of a series (NeurIPS 2025, ICLR 2025, NeurIPS 2024, ICLR 2024, NeurIPS
14 2023, ICLR 2023, NeurIPS 2022, ICML 2021, NeurIPS 2021, NeurIPS 2020, ICLR 2020, NeurIPS
15 2019, and ICML 2019). For this iteration of the workshop, we invite submissions based on the theme
16 of *Fostering Ground-Up Innovation in AI and Climate*. Submitted works may be on any topic of
17 relevance at the intersection of climate change and machine learning.

18 2 Submission of papers

19 Electronic submissions are required, via the submission website (link to be updated soon).

20 3 Tracks

21 There are three tracks for submissions: **Papers, Proposals, and Tutorials**, each described in detail
22 below. Submissions are limited to **4 pages for the Papers track**, and **3 pages for the Proposals**
23 **track**. Tutorials do not have a page limit. References do not count towards this total. Supplementary
24 appendices are allowed but will be read at the discretion of the reviewers. All submissions must
25 explain why the proposed work has (or could have) positive impacts regarding climate change.

26 3.0.1 Papers

27 *Work that is in progress, published, and/or deployed.*

28 Submissions for the Papers track should describe projects relevant to climate change that involve
29 machine learning. These may include (but are not limited to) academic research; deployed results
30 from startups, industry, public institutions, etc.; and climate-relevant datasets.

31 Submissions should provide experimental or theoretical validation of the method presented, as well
32 as specifying what gap the method fills. Authors should clearly illustrate a pathway to climate impact,
33 i.e., identify the way in which this work fits into broader efforts to address climate change. Algorithms
34 need not be novel from a machine learning perspective if they are applied in a novel setting. Details of
35 methodology need not be revealed if they are proprietary, though transparency is highly encouraged.

36 Submissions creating novel datasets are welcomed. Datasets should be designed to permit machine
37 learning research (e.g. formatted with clear benchmarks for evaluation). In this case, baseline
38 experimental results on the dataset are preferred, but not required.

39 Submissions are limited to 4 pages. References do not count toward this total. Submissions are due
40 August 20, 2025.

41 **3.0.2 Proposals**

42 *Early-stage work and detailed descriptions of ideas for future work.*

43 Submissions for the Proposals track should describe detailed ideas for how machine learning can
44 be used to solve climate-relevant problems. While less constrained than the Papers track, Proposals
45 will be subject to a very high standard of review. Ideas should be justified as extensively as possible,
46 including motivation for why the problem being solved is important in tackling climate change,
47 discussion of why current methods are inadequate, explanation of the proposed method, and discussion
48 of the pathway to climate impact. Preliminary results are optional.

49 Submissions are limited to 3 pages. References do not count toward this total. Submissions are due
50 August 29, 2026.

51 **3.0.3 Tutorials**

52 *Interactive notebooks for insightful step-by-step walkthroughs.*

53 Submissions for the Tutorials track should introduce or demonstrate the use of ML methods and
54 tools such as libraries, packages, services, datasets, or frameworks to address a problem related
55 to climate change. Tutorial submissions should include a clear and concise description of users'
56 expected learning outcomes. Tutorial submissions are due on August 29, with acceptance notification
57 on September 29. Following acceptance, tutorial creators will collaborate with the Tutorials Team,
58 who will review the tutorials and provide iterative feedback, while the creators continue to develop
59 and improve their work by the final submission date (Nov 15). Tutorial submissions (due Aug 29) and
60 camera-ready tutorial submissions (due Nov 15) should be in the form of executable notebooks (e.g.
61 Jupyter, Colab) with a separate `requirements.txt` for users who would like to run their notebook
62 locally. Submissions will be reviewed based on their potential impact and overall usability by the
63 climate and AI research community.

64 **3.1 Style**

65 Papers must be prepared according to the instructions presented here. Submissions are limited to **4**
66 **pages for the Papers track**, and **3 pages for the Proposals track**. Tutorials do not have a page
67 limit. Papers that exceed these page limits will not be reviewed, or in any other way considered for
68 presentation at the workshop.

69 Authors are required to use the workshop style files (modified from the NeurIPS style files), obtainable
70 on the website as indicated below. Please make sure you use the current files and not previous versions.
71 Tweaking the style files may be grounds for rejection.

72 3.2 Retrieval of style files

73 The style files for this workshop are available on the World Wide Web at

74 `http://climatechange.ai/files/TCCML\_NeurIPS\_2026\_Style\_File.zip`

75 The file `tackling_climate_workshop.pdf` contains these instructions and illustrates the various
76 formatting requirements your paper must satisfy.

77 The file `tackling_climate_workshop.tex` may be used as a “shell” for writing your paper.
78 Replace the author, title, abstract, and text of the paper with your own. Please remember that at
79 submission time your document should be anonymized and the only accepted format is PDF.

80 The only supported style file for L^AT_EX is `tackling_climate_workshop_style.sty`, rewritten for
81 L^AT_EX 2_ε. **Previous style files for L^AT_EX 2.09, or NeurIPS conference style file, are not accepted.**

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

85 **Preprint option** If you wish to post a preprint of your work online, e.g., on arXiv, using the
86 workshop style, please use the `preprint` option. This will create a nonanonymized version of your
87 work with the text “Preprint. Work in progress.” in the footer. This version may be distributed as you
88 see fit. Please **do not** use the `final` option, which should **only** be used for papers accepted to the
89 workshop. Note that all workshops are non-archival; submission does not preclude future publication.

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

93 The formatting instructions contained in these style files are summarized in Sections 4, 5, and 6
94 below.

95 4 General formatting instructions

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

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

104 The version of the paper submitted for review should have “Anonymous Author(s)” as the author of
105 the paper. For the final version, authors’ names are set in boldface, and each name is centered above
106 the corresponding address. The lead author’s name is to be listed first (left-most), and the co-authors’
107 names (if different address) are set to follow. If there is only one co-author, list both author and
108 co-author side by side.

109 Please pay special attention to the instructions in Section 6 regarding figures, tables, acknowledgments,
110 and references.

111 5 Headings: first level

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

113 First level headings are in point size 12. One line space before the first level heading and 1/2 line space
114 after the first level heading.

115 **5.1 Headings: second level**

116 Second level headings are in point size 10. One line space before the second level heading and 1/2 line
117 space after the second level heading.

118 **5.1.1 Headings: third level**

119 Third level headings are in point size 10. One line space before the third level heading and 1/2 line
120 space after the third level heading.

121 **Paragraphs** In L^AT_EX there is also a `\paragraph` command available, which sets the heading in
122 bold, flush left, and inline with the text, with the heading followed by 1 em of space. If using this
123 style option in a docx file, please follow these instructions accordingly.

124 **6 Citations, figures, tables, references**

125 These instructions apply to everyone, regardless of the formatter being used.

126 **6.1 Citations within the text**

127 Citations within the text should be numbered consecutively. The corresponding number is to appear
128 enclosed in square brackets, such as [1] or [2]-[5]. The corresponding references are to be listed in
129 the same order at the end of the paper, in the **References** section. (Note: the standard B_IB_TE_X style
130 `unsrt` produces this.) As to the format of the references themselves, any standard reference style is
131 acceptable, as long as it is used consistently.

132 As submission is double blind, refer to your own published work in the third person. That is, use “In
133 the previous work of Jones et al. [4],” not “In our previous work [4].” If you cite your other papers
134 that are not widely available (e.g., a journal paper under review), use anonymous author names in the
135 citation, e.g., an author of the form “A. Anonymous.”

136 When using the L^AT_EX template, the `natbib` package will be loaded for you by default. Citations may
137 be author/year or numeric, as long as you maintain internal consistency.

138 For L^AT_EX use, note that the documentation for `natbib` may be found at

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

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

142 `\citet{hasselmo}` investigated\dots

143 produces

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

145 If you wish to load the `natbib` package with options, you may add the following before loading the
146 `neurips_2020` package:

147 `\PassOptionsToPackage{options}{natbib}`

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

150 `\usepackage[nonatbib]{tackling_climate_workshop_style}`

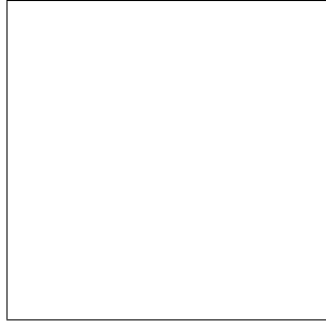


Figure 1: Sample figure caption.

151 6.2 Footnotes

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

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

156 6.3 Figures

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

161 Make sure the figure caption does not get separated from the figure. Leave sufficient space to avoid
162 splitting the figure and figure caption.

163 You may use color figures. However, it is best for the figure captions and the paper body to be legible
164 if the paper is printed in either black/white or in color, and that colormaps consider accessibility to
165 the visually impaired (e.g. red/green colorblindness).

166 6.4 Tables

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

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

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

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

175 This package was used to typeset Table 1.

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

7 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.

8 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.

- For MSWord users: from the print menu, click the PDF drop-down box, and select "Save as PDF...".
- For $\text{\LaTeX}$ users: you should directly generate PDF files using `pdflatex`.
- You can check which fonts a PDF files 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.
- The IEEE has recommendations for generating PDF files whose fonts are also acceptable for NeurIPS. Please see <http://www.emfield.org/icuwb2010/downloads/IEEE-PDF-SpecV32.pdf>
- `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}
```

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

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

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

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

8.1 Margins in $\text{\LaTeX}$

With $\text{\LaTeX}$ most of the margin problems come from figures positioned by hand using `\special` or other commands. We suggest using the command `\includegraphics` from the `graphicx` package. Always specify the figure width as a multiple of the line width as in the example below:

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

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

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

214 References

215 References follow the acknowledgments. Use unnumbered first-level heading for the references. Any
216 choice of citation style is acceptable as long as you are consistent. It is permissible to reduce the
217 font size to small (9 point) when listing the references. **Note that the Reference section does not**
218 **count towards the pages of content that are allowed; 4 pages for Papers track and 3 pages for**
219 **Proposals track.**

220 [1] Alexander, J.A. & Mozer, M.C. (1995) Template-based algorithms for connectionist rule extraction. In
221 G. Tesauro, D.S. Touretzky and T.K. Leen (eds.), *Advances in Neural Information Processing Systems 7*, pp.
222 609–616. Cambridge, MA: MIT Press.

223 [2] Bower, J.M. & Beeman, D. (1995) *The Book of GENESIS: Exploring Realistic Neural Models with the*
224 *GENeral NEural Simulation System*. New York: TELOS/Springer-Verlag.

225 [3] Hasselmo, M.E., Schnell, E. & Barkai, E. (1995) Dynamics of learning and recall at excitatory recurrent
226 synapses and cholinergic modulation in rat hippocampal region CA3. *Journal of Neuroscience* **15**(7):5249-5262.