

000 001 002 003 004 005 FORMATTING INSTRUCTIONS FOR GEN² @ ICLR 2026 006 WORKSHOP SUBMISSIONS 007 008 009

010 Anonymous authors 011

012 Paper under double-blind review
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020 ABSTRACT 021

022 The abstract must be limited to one paragraph. If you use the provided LaTex
023 template ant style files, you will successfully adhere to the following formatting
024 requirements: The abstract paragraph should be indented 1/2 inch (3 picas) on
025 both left and right-hand margins. Use 10 point type, with a vertical spacing of
026 11 points. The word ABSTRACT must be centered, in small caps, and in point size
027 12. Two line spaces precede the abstract.
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035 1 SUBMISSION OF WORKSHOP PAPERS TO GEN² @ ICLR 2026 036

037 ICLR and its workshops require electronic submissions, processed by OpenReview. Our submission
038 page is at <https://openreview.net/group?id=ICLR.cc/2026/Workshop/Gen2>.
039 See our website for more instructions: <https://genai-in-genomics.github.io/>.

040 If your paper is ultimately accepted and you consent to making your submission publicly available
041 (non-archival), we will request a de-anonymized camera ready version. At that time, the statement
042 \iclrfinalcopy should be inserted to adjust the format to the camera ready requirements.
043
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045 The format for the submissions is a variant of the ICLR format. If you use this template with the
046 provided style files without modifying them, you will have successfully adhered to the formatting
047 requirements. Please also pay attention to the page limits on the main text of the initial submission,
048 as listed in the instructions below (8 pages for Full Workshop Papers and 4 pages for Tiny Papers).
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1.1 STYLE & STYLE FILES

054 Papers to be submitted to Gen² 2026 must be prepared according to the instructions presented here.
055 Authors are required to use the template and style files for Gen² @ ICLR 2026, made available here:
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058 <https://github.com/genai-in-genomics/gen2templates>
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061 This file (gen2atICLR2026_instructions.pdf) contains instructions and illustrates
062 the various formatting requirements your Gen² workshop paper must satisfy. The file
063 gen2atICLR2026_workshop.tex may be used as a “shell” for writing your paper. All you
064 have to do is replace the author, title, abstract, and text of the paper with your own.
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067 Submissions must be made using L^AT_EX and the style files gen2atICLR2026.sty
068 and gen2atICLR2026_workshop.bst (to be used with L^AT_EX2e). Tweaking the
069 style files may be grounds for rejection. Please note that we have an additional
070 style file gen2atICLR2026tiny.sty, which we recommend you use instead of
071 gen2atICLR2026.sty if you are making a Tiny Papers submission (detailed below).
072 The only difference is a note in the header to denote the early stage of the work in progress reported
073 in the submission, so the reviewers can evaluate accordingly. This is not a requirement; you will not
074 be penalized for using the default style file.
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077 The formatting instructions contained in these style files are summarized in sections 2, 3, and 4
078 below.
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054 2 GENERAL FORMATTING INSTRUCTIONS 055

056 We accept two types of submissions: **Full Workshop Papers** (4-8 pages) and **Tiny Papers** (2-4
057 pages).

059 For initial submissions, there will be a strict upper limit of **8 pages** for the main text of the full
060 workshop papers and **4 pages** for the tiny papers, with unlimited additional pages for citations.
061 This limit will be expanded to **9 and 5 pages** for the camera ready version, to allow for authors
062 to incorporate reviewer feedback if they wish. While there is no strict lower limit, we expect full
063 workshop papers to be at least 4 pages long, and tiny paper submissions to be at least 2 pages long.

064 if you follow this template without modifying the style files, you will have adhered to the following
065 formatting requirements:

- 066 • The text must be confined within a rectangle 5.5 inches (33 picas) wide and 9 inches (54 pi-
067 cas) long. The left margin is 1.5 inch (9 picas). Use 10 point type with a vertical spacing
068 of 11 points. Times New Roman is the preferred typeface throughout. Paragraphs are
069 separated by 1/2 line space, with no indentation.
- 070 • Paper title is 17 point, in small caps and left-aligned. All pages should start at 1 inch
071 (6 picas) from the top of the page.
- 072 • Authors' names are set in boldface, and each name is placed above its corresponding ad-
073 dress. The lead author's name is to be listed first, and the co-authors' names are set to
074 follow. Authors sharing the same address can be on the same line.

075 Please pay special attention to the instructions in section 4 regarding figures, tables, acknowledg-
076 ments, and references.

077 3 HEADINGS: FIRST LEVEL 078

079 First level headings are in small caps, flush left and in point size 12. One line space before the first
080 level heading and 1/2 line space after the first level heading.

081 3.1 HEADINGS: SECOND LEVEL 082

083 Second level headings are in small caps, flush left and in point size 10. One line space before the
084 second level heading and 1/2 line space after the second level heading.

085 3.1.1 HEADINGS: THIRD LEVEL 086

087 Third level headings are in small caps, flush left and in point size 10. One line space before the third
088 level heading and 1/2 line space after the third level heading.

089 4 CITATIONS, FIGURES, TABLES, REFERENCES 090

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

092 4.1 CITATIONS WITHIN THE TEXT 093

094 Citations within the text should be based on the `natbib` package and include the authors' last names
095 and year (with the "et al." construct for more than two authors). When the authors or the publication
096 are included in the sentence, the citation should not be in parenthesis using `\citet{}` (as in "See
097 Hinton et al. (2006) for more information."). Otherwise, the citation should be in parenthesis using
098 `\citep{}` (as in "Deep learning shows promise to make progress towards AI (Bengio & LeCun,
099 2007).").

100 The corresponding references are to be listed in alphabetical order of authors, in the REFERENCES
101 section. As to the format of the references themselves, any style is acceptable as long as it is used
102 consistently.

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Table 1: Sample table title

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PART**DESCRIPTION**

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Dendrite	Input terminal
Axon	Output terminal
Soma	Cell body (contains cell nucleus)

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4.2 FOOTNOTES

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Indicate footnotes with a number¹ in the text. Place the footnotes at the bottom of the page on which they appear. Precede the footnote with a horizontal rule of 2 inches (12 picas).²

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4.3 FIGURES

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All artwork must be neat, clean, and legible. Lines should be dark enough for purposes of reproduction; art work should not be hand-drawn. The figure number and caption always appear after the figure. Place one line space before the figure caption, and one line space after the figure. The figure caption is lower case (except for first word and proper nouns); figures are numbered consecutively.

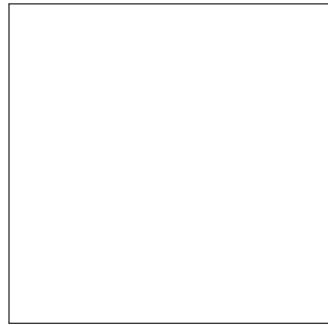
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Make sure the figure caption does not get separated from the figure. Leave sufficient space to avoid splitting the figure and figure caption.

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

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Figure 1: Sample figure caption.

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125 All artwork must be neat, clean, and legible. Lines should be dark enough for purposes of reproduction; art work should not be hand-drawn. The figure number and caption always appear after the figure. Place one line space before the figure caption, and one line space after the figure. The figure caption is lower case (except for first word and proper nouns); figures are numbered consecutively.

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127 Make sure the figure caption does not get separated from the figure. Leave sufficient space to avoid

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129 splitting the figure and figure caption.

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131 You may use color figures. However, it is best for the figure captions and the paper body to make

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133 sense if the paper is printed either in black/white or in color.

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4.4 TABLES

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146 All tables must be centered, neat, clean and legible. Do not use hand-drawn tables. The table number

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148 and title always appear before the table. See Table 1.

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150 Place one line space before the table title, one line space after the table title, and one line space after

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152 the table. The table title must be lower case (except for first word and proper nouns); tables are

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154 numbered consecutively.

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5 DEFAULT NOTATION

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157 In an attempt to encourage standardized notation, we have included the notation file from

158

159 the textbook, *Deep Learning* Goodfellow et al. (2016) available at <https://github.com/>

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¹Sample of the first footnote

²Sample of the second footnote

162 goodfeli/dlbook_notation/. Use of this style is **not required** and **can be disabled** by
163 commenting out `math_commands.tex`.

164 **Numbers and Arrays**

166 a	A scalar (integer or real)
167 \mathbf{a}	A vector
168 \mathbf{A}	A matrix
170 $\mathbf{\mathbf{A}}$	A tensor
171 I_n	Identity matrix with n rows and n columns
172 I	Identity matrix with dimensionality implied by context
174 $e^{(i)}$	Standard basis vector $[0, \dots, 0, 1, 0, \dots, 0]$ with a 1 at position i
176 $\text{diag}(\mathbf{a})$	A square, diagonal matrix with diagonal entries given by \mathbf{a}
177 \mathbf{a}	A scalar random variable
179 \mathbf{a}	A vector-valued random variable
180 \mathbf{A}	A matrix-valued random variable

182 **Sets and Graphs**

184 \mathbb{A}	A set
185 \mathbb{R}	The set of real numbers
186 $\{0, 1\}$	The set containing 0 and 1
188 $\{0, 1, \dots, n\}$	The set of all integers between 0 and n
189 $[a, b]$	The real interval including a and b
191 $(a, b]$	The real interval excluding a but including b
192 $\mathbb{A} \setminus \mathbb{B}$	Set subtraction, i.e., the set containing the elements of \mathbb{A} that are not in \mathbb{B}
195 \mathcal{G}	A graph
196 $P_{\mathcal{G}}(\mathbf{x}_i)$	The parents of \mathbf{x}_i in \mathcal{G}

198 **Indexing**

199 a_i	Element i of vector \mathbf{a} , with indexing starting at 1
200 a_{-i}	All elements of vector \mathbf{a} except for element i
202 $A_{i,j}$	Element i, j of matrix \mathbf{A}
203 $\mathbf{A}_{i,:}$	Row i of matrix \mathbf{A}
205 $\mathbf{A}_{:,i}$	Column i of matrix \mathbf{A}
206 $\mathbf{A}_{i,j,k}$	Element (i, j, k) of a 3-D tensor \mathbf{A}
207 $\mathbf{A}_{:,:,i}$	2-D slice of a 3-D tensor
209 \mathbf{a}_i	Element i of the random vector \mathbf{a}

211 **Calculus**

216	$\frac{dy}{dx}$	Derivative of y with respect to x
217	$\frac{\partial y}{\partial x}$	Partial derivative of y with respect to x
218	$\nabla_{\mathbf{x}} y$	Gradient of y with respect to \mathbf{x}
219	$\nabla_{\mathbf{X}} y$	Matrix derivatives of y with respect to \mathbf{X}
220	$\nabla_{\mathbf{xy}}$	Tensor containing derivatives of y with respect to \mathbf{X}
221	$\frac{\partial f}{\partial \mathbf{x}}$	Jacobian matrix $\mathbf{J} \in \mathbb{R}^{m \times n}$ of $f : \mathbb{R}^n \rightarrow \mathbb{R}^m$
222	$\nabla_{\mathbf{x}}^2 f(\mathbf{x})$ or $\mathbf{H}(f)(\mathbf{x})$	The Hessian matrix of f at input point \mathbf{x}
223	$\int f(\mathbf{x}) d\mathbf{x}$	Definite integral over the entire domain of \mathbf{x}
224	$\int_{\mathbb{S}} f(\mathbf{x}) d\mathbf{x}$	Definite integral with respect to \mathbf{x} over the set \mathbb{S}

Probability and Information Theory

232	$P(a)$	A probability distribution over a discrete variable
233	$p(a)$	A probability distribution over a continuous variable, or over a variable whose type has not been specified
234	$a \sim P$	Random variable a has distribution P
235	$\mathbb{E}_{x \sim P}[f(x)]$ or $\mathbb{E}f(x)$	Expectation of $f(x)$ with respect to $P(x)$
236	$\text{Var}(f(x))$	Variance of $f(x)$ under $P(x)$
237	$\text{Cov}(f(x), g(x))$	Covariance of $f(x)$ and $g(x)$ under $P(x)$
238	$H(x)$	Shannon entropy of the random variable x
239	$D_{\text{KL}}(P \ Q)$	Kullback-Leibler divergence of P and Q
240	$\mathcal{N}(\mathbf{x}; \boldsymbol{\mu}, \boldsymbol{\Sigma})$	Gaussian distribution over \mathbf{x} with mean $\boldsymbol{\mu}$ and covariance $\boldsymbol{\Sigma}$

Functions

248	$f : \mathbb{A} \rightarrow \mathbb{B}$	The function f with domain \mathbb{A} and range \mathbb{B}
249	$f \circ g$	Composition of the functions f and g
250	$f(\mathbf{x}; \boldsymbol{\theta})$	A function of \mathbf{x} parametrized by $\boldsymbol{\theta}$. (Sometimes we write $f(\mathbf{x})$ and omit the argument $\boldsymbol{\theta}$ to lighten notation)
251	$\log x$	Natural logarithm of x
252	$\sigma(x)$	Logistic sigmoid, $\frac{1}{1 + \exp(-x)}$
253	$\zeta(x)$	Softplus, $\log(1 + \exp(x))$
254	$\ \mathbf{x}\ _p$	L^p norm of \mathbf{x}
255	$\ \mathbf{x}\ $	L^2 norm of \mathbf{x}
256	x^+	Positive part of x , i.e., $\max(0, x)$
257	$\mathbf{1}_{\text{condition}}$	is 1 if the condition is true, 0 otherwise
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270 **6 FINAL INSTRUCTIONS**
271272 Do not change any aspects of the formatting parameters in the style files. In particular, do not modify
273 the width or length of the rectangle the text should fit into, and do not change font sizes (except
274 perhaps in the REFERENCES section; see below). Please note that pages should be numbered.
275276 **7 PREPARING POSTSCRIPT OR PDF FILES**
277278 Please prepare PostScript or PDF files with paper size “US Letter”, and not, for example, “A4”. The
279 -t letter option on dvips will produce US Letter files.
280281 Consider directly generating PDF files using pdflatex (especially if you are a MiKTeX user).
282 PDF figures must be substituted for EPS figures, however.283 Otherwise, please generate your PostScript and PDF files with the following commands:
284285 dvips mypaper.dvi -t letter -Ppdf -G0 -o mypaper.ps
286 ps2pdf mypaper.ps mypaper.pdf
287288 **7.1 MARGINS IN LATEX**
289290 Most of the margin problems come from figures positioned by hand using \special or other
291 commands. We suggest using the command \includegraphics from the graphicx package.
292 Always specify the figure width as a multiple of the line width as in the example below using .eps
293 graphics294 \usepackage[dvips]{graphicx} ...
295 \includegraphics[width=0.8\linewidth]{myfile.eps}
296

297 or

298 \usepackage[pdftex]{graphicx} ...
299 \includegraphics[width=0.8\linewidth]{myfile.pdf}
300301 for .pdf graphics. See section 4.4 in the graphics bundle documentation (<http://www.ctan.org/tex-archive/macros/latex/required/graphics/grfguide.ps>)302 A number of width problems arise when LaTeX cannot properly hyphenate a line. Please give
303 LaTeX hyphenation hints using the \- command.
304306 **AUTHOR CONTRIBUTIONS**
307308 If you’d like to, you may include a section for author contributions as is done in many journals. This
309 is optional and at the discretion of the authors.
310311 **ACKNOWLEDGMENTS**
312313 Use unnumbered third level headings for the acknowledgments. All acknowledgments, including
314 those to funding agencies, go at the end of the paper. **Please do not include the Acknowledgement**
315 **section in your initial submission**, as it may contain information that reveals the author identities
316 and violate our double-blind review process. You may include an Acknowledgement section in your
317 camera ready version, upon acceptance of your work.
318319 **REFERENCES**320 Yoshua Bengio and Yann LeCun. Scaling learning algorithms towards AI. In *Large Scale Kernel*
321 *Machines*. MIT Press, 2007.322 Ian Goodfellow, Yoshua Bengio, Aaron Courville, and Yoshua Bengio. *Deep learning*, volume 1.
323 MIT Press, 2016.

324 Geoffrey E. Hinton, Simon Osindero, and Yee Whye Teh. A fast learning algorithm for deep belief
325 nets. *Neural Computation*, 18:1527–1554, 2006.
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328 **A APPENDIX**
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330 You may include other additional sections here.
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