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# Submission Guidelines and Formatting Instructions for Learning on Graphs Conference (LoG) 2023

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## Abstract

This document provides an example usage of `log_2023.sty`, which describes submission guidelines and formatting instructions for the Learning on Graphs (LoG) Conference 2023. Abstracts should be a single paragraph, ideally between 4–6 sentences long.

## 1 Submission Guidelines

LoG 2023 solicits papers from areas broadly related to **machine learning on graphs and geometry**. Detailed information about the reviewing process is available on the conference website at:

<https://logconference.org/>

Please follow the guidelines to prepare your submissions to LoG 2023.

### 1.1 Important Dates

Please note the following key dates, all in the [Anywhere on Earth \(AoE\)](#) timezone:

- August 18, 2023: Abstract submission deadline (both tracks)
- August 21, 2023: Submission deadline (both tracks)
- October 7, 2023: Two-week rebuttal stage starts
- October 20, 2023: Rebuttal stage ends; authors-reviewers discussion stage starts
- October 29, 2023: Authors-reviewers discussion stage ends
- November 13, 2023: Final decisions released
- November 20, 2023: Camera ready submission deadline
- November 27, 2023: Conference starts
- November 30, 2023: Conference concludes

### 1.2 Dual-Track Submission

The LoG conference has a proceedings track with papers published in [Proceedings for Machine Learning Research \(PMLR\)](#) series and a *non-archival* extended abstract track.

For the proceedings track, papers may only be up to **nine** pages long. Extended abstracts can only be up to **four** pages long. Additionally, **unlimited** pages *containing only acknowledgments, references, and appendices* are allowed. Submissions that exceed the above page limits will be desk rejected.

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\*Equal contribution.

### 1.2.1 The Proceedings Track

Accepted proceedings papers will be published in the [Proceedings for Machine Learning Research \(PMLR\)](#) series and are eligible for spotlight presentation. Submitted papers cannot be already published or under review in any other archival venue. Upon acceptance of a paper, at least one of the authors must join the conference, or their paper will not be included in the proceedings.

### 1.2.2 The Extended Abstract Track

The top accepted extended abstracts will be chosen for spotlight presentation. Submissions to the extended abstract track are non-archival. Authors of accepted extended abstracts retain full copyright of their work. Acceptance to LoG does not preclude publication of the same material at another venue. Also, submissions that are under review or have been recently published are allowed for submission to this track. However, authors must ensure that they are not violating dual submission policies of the other venue.

### 1.3 Double-Blind Reviewing

Submissions will be double-blind: reviewers cannot see author names when conducting reviews and authors cannot see reviewer names. We use [OpenReview](#) to host papers and allow for public discussions that can be seen by all; comments that are posted by reviewers will remain anonymous.

## 2 Formatting Instructions

All submissions must adhere to the following formatting specifications.

### 2.1 Style Files

The only supported style file for LoG 2023 is `log_2023.sty` with  $\LaTeX$ . The initial submission and the camera ready versions have to be submitted as `.pdf` files.

By default, the style file creates camera ready versions for accepted proceedings track papers, where the footnote in the first page gives the full reference of the paper. The style file contains three additional options:

- `[review]` anonymizes the manuscript for double-blind review. It also adds line numbers to help reviewers navigate to particular lines.
- `[preprint]` creates non-anonymous versions for preprint platforms (e.g., arXiv), with the text “Preprint. Preliminary work.” in the footnote.
- `[eatrack]` creates camera ready versions for accepted extended abstracts with the footnote containing pertinent paper information.

### 2.2 Layout

Manuscripts must be set in one-column US letter papers. All text should be confined within a rectangle 5.5-inch wide and 9-inch long. The left and right margins are both 1.5 inches. All pages should start at 1 inch from the top of the page.

### 2.3 Font

All text (except listings, non-Latin scripts, and mathematical formulas) should use the **Times New Roman** typeface. **Computer Modern** fonts are preferred for mathematical symbols and formulas. Furthermore, please make sure your PDF file only contains Type-1 fonts.

### 2.4 Title

The paper title should be 14-point bold type and centered between two horizontal rules that are both 1-point thick. There is a 1/4-inch space above and below the title to rules. Make sure that the title is in Initial Caps — The First Letter of Content Words Should be Made Capital Letters.

Besides, the title will display as the running head on each page except the first one. The running title consists of a single line in 9-point font, centered above a horizontal rule, that is 1/2-point thick and 20-point above the main text. The original title is automatically set as the running head. In case that the original title exceeds one line, a shorter form can be specified by using `\title[A Shorter Title]{A Long Title}`.

## 2.5 Author Information

The author information appears immediately after the title, with a 24-point space in between. Submissions to LoG 2023 should be properly anonymized. Once the `[review]` option is passed, the author information will not be printed.

For the final version, author names are set in 10-point bold type, institution names and addresses are in 9-point font, and email addresses are in 9-point typewriter font. Each name should be centered above the corresponding institution and email address. Authors can use `\institute` and `\email` to specify affiliations and email addresses respectively.

To ensure that the reference information in the bottom of the first page is rendered appropriately and concisely, please specify an abbreviated author list in the form of the first author's initials and last name followed by "et al.": `\author[Y. Zhu et al.]{Yanqiao Zhu \and Yuanqi Du}`.

With the provided style file, the author information can be set in various styles. If all authors are from the same institution, authors can use:

```
\author[F. Last et al.]
{First Last 1, First Last 2, ... \and First Last n \
  Institute \
  Address line \
  \email{first.last@example.com}}
```

For authors from different institutions, please use the `\And` command:

```
\author[F. Last et al.]
{First Last 1 \
  Institute 1 \
  Address line \
  \email{first.last.1@example.com}\And
  First Last 2 \
  Institute 2 \
  Address line \
  \email{first.last.2@example.com}}
```

If author names do not fit in one line, use the `\AND` command to start a separate row of authors:

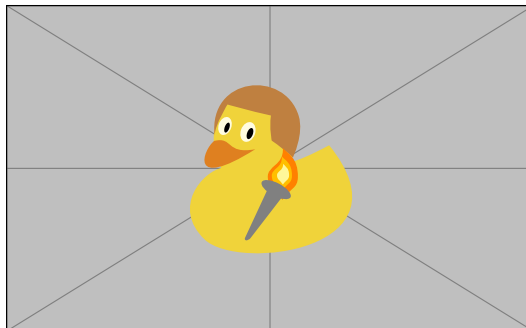
```
\author[F. Last et al.]
{First Last 1, ..., \and First Last n \
  Institute 1 \
  Address line \
  \email{first.last.1@example.com}\AND
  First Last n+1 \
  Institute 2 \
  Address line \
  \email{first.last.n.1@example.com}}
```

## 2.6 Abstract

The paper abstract should be placed 0.2 inches below the final address. The heading word "Abstract" should be centered, bold, and in 12-point type. The abstract body should use 10-point type with a vertical spacing of 11 points and be indented 0.5 inches on both the left- and right-hand margins.

## 2.7 Headings and Sections

All section headings should be numbered, flush left, and bold with content words capitalized.



**Figure 1:** A sample figure.

**Table 1:** A sample table.

Method	Data 1		Data 2	
	X	Y	X	Y
A	0.8817	0.9572	0.1893	0.1725
B	0.7126	0.2615	0.9173	0.1286
C	0.2716	0.1826	0.2836	0.1836

- First-level headings should be in 12-point type. Leave a 12-point space before and a 2-point space after the heading.
- Second-level headings should be in 10-point type. Leave a 8-point space before the heading and a 2-point space afterward.
- Third-level headings should be in 10-point type. Leave a 6-point space before and a 2-point space after the heading.

Please use no more than three levels of headings.

**Paragraphs.** There is also a `\paragraph` command available, which sets the heading in bold, flush left, and inline with the text. Leave a 6-point vertical space before the heading and 1em of horizontal space following the heading.

**Footnotes.** Use footnotes to provide readers with additional information about a topic without interrupting the flow of the paper. Footnotes should be numbered sequentially and placed in 9-point type at the bottom of the page on which they appear. Precede the footnotes with a horizontal rule of 2 inches. Note that footnotes should be properly typeset *after* punctuation marks.<sup>2</sup>

## 2.8 Figures

All included artwork must be neat, legible, and separated from the text. The figure number and caption always appear below the figure. The figure label should be in boldface and numbered consecutively. The caption should be set in 9-point type, in sentence case, and centered unless it runs more than one lines, in which case it should be flush left. See Figure 1 for an example.

## 2.9 Tables

Like figures, tables should be legible and numbered consecutively. However, the table number and caption should always appear above the table. See Table 1 for an example.

Note that publication-quality tables *do not contain vertical rules and double rules*. We strongly suggest the use of the `booktabs` package which provides the commands `\toprule`, `\midrule`, and `\bottomrule` to enhance the quality of tables.

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<sup>2</sup>This is an example footnote.

## 2.10 Paragraphs

Paragraphs are separated by 1/2 line space (5.5 points). Do not indent the first line of a given paragraph.

## 2.11 Equations

The provided style file loads the `amsmath` package automatically. Unnumbered single-lined equations should be displayed using `\[` and `\]`. For example:

$$\mathbf{X}' = \sigma(\tilde{\mathbf{D}}^{-\frac{1}{2}} \tilde{\mathbf{A}} \tilde{\mathbf{D}}^{-\frac{1}{2}} \mathbf{X} \mathbf{W}).$$

Numbered single-line equations should be displayed using the `equation` environment. For example:

$$\mathbf{X}' = \sigma(\tilde{\mathbf{D}}^{-1} \tilde{\mathbf{A}} \mathbf{X} \mathbf{W}). \quad (1)$$

## 2.12 Bibliographies

Use an unnumbered first-level heading for the references. For a citation, use `\cite`, e.g., [1]. For a textual citation, use `\citet`, e.g., Veličković et al. [2]. *Any choice* of citation style is allowed as long as it is used consistently throughout the whole paper. Additionally, both `natbib` and `bibLaTeX` packages are supported. It is also possible to reduce the font size to `\small` (9-point font) when listing the references.

In the submission version, authors should refer to their own work in the third person for blind review. In particular, avoid phrases that may reveal personal identities (e.g., “in our earlier work [3], we have shown ...”).

## Author Contributions

Authors of accepted papers are *encouraged* to include a statement that declares the individual contribution of every author, especially when there are co-authors that made equal contributions to the research. You may adopt the [Contributor Roles Taxonomy \(CRediT\)](#) methodology for attributing contributions. Do not include this section in the version for blind review. This section does not count towards the page limit.

## Acknowledgements

The  $\LaTeX$  template of LoG 2023 is heavily borrowed from the NeurIPS template.

Do not include acknowledgements in the version for blind review. If a paper is accepted, please place such acknowledgements in an unnumbered section at the end of the paper, immediately before the references. The acknowledgements do not count towards the page limit.

## References

- [1] Thomas N. Kipf and Max Welling. Semi-Supervised Classification with Graph Convolutional Networks. In *ICLR*, 2017. 5
- [2] Petar Veličković, Guillem Cucurull, Arantxa Casanova, Adriana Romero, Pietro Liò, and Yoshua Bengio. Graph Attention Networks. In *ICLR*, 2018. 5
- [3] William L. Hamilton, Zhitao Ying, and Jure Leskovec. Inductive Representation Learning on Large Graphs. In *NIPS*, pages 1024–1034, 2017. 5

## A Appendix

Any possible appendices should be placed after bibliographies. If your paper has appendices, please submit the appendices together with the main body of the paper. There will be no separate supplementary material submission. The main text should be self-contained; reviewers are not obliged to look at the appendices when writing their review comments.