

AI4X Conference 2027 abstract template and formatting guidelines

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1. Introduction

The page limit is two pages, not counting the acknowledgments, references, and appendices. Please do not change the font sizes, margins or line spacing to squeeze more text.

The review is single-blind: the reviewers see the author names, so do not anonymize your submission. At least one author must be marked as corresponding with \correspondingauthor. ORCID links for the authors will make it easier for the readers to find you, but are not mandatory.

AI4X is non-archival: an accepted abstract is not a formal publication, so you are free to publish the work later in a journal or in conference proceedings.

2. Substantial section

If you want to, you can split the text into sections. An AI4X abstract is not a journal paper, so there is no hard requirement for the work to be reproducible from the text. At the same time, the reviewers and, ultimately, your fellow attendees look for novelty, significance, and soundness – the abstract must convey what was done, why, and the validation results. It can include equations, such as Equation (1). If the abstract is based on your previously published work, it should be clearly stated and cited.

$$\left(\lim_{x \rightarrow 8^+} \frac{1}{x-8} = \infty \right) \Rightarrow \left(\lim_{x \rightarrow 3^+} \frac{1}{x-3} = \omega \right) \quad (1)$$

2.1. Related work

A good way to show novelty is to state the difference from the related work, for example, on protein structure prediction [1], graph neural networks (GNNs) for molecules and materials [2, 3], materials discovery at scale [4], or autonomous laboratories [5]. An overview of the previous state of the field can be found in the AI4X Roadmap from a previous conference edition [6].

2.2. Figures and tables

Figure 1 and Table 1 are single-column, but two-column layout can also be used.

AI Acknowledgments

Figure 1 was generated with Google Gemini (Nano Banana), and the class file and this text were revised with Claude Code (Claude Opus 5.5).

At AI4X, we welcome the new AI age and believe that, used well, AI can do much more than produce “AI slop”. You are welcome to share how you used AI



Figure 1: Collaboration was just as important to the success of the study as automation. The illustration was generated with Google Gemini (Nano Banana), and its defects are kept on purpose.

to prepare the work, be it grammar checking or doing the study end-to-end. This is not mandatory and is not included in the page limit. Whatever tools you use, the authors are fully responsible for the submission, including any text, code, figures, and references produced with AI; in particular, check that every cited work exists [7]. You can use reference-audit to run the checks yourself. The template embeds the BibTeX records of the cited works in the PDF – only the fields printed in the references plus identifiers such as DOI, ISBN, and arXiv id.

Table 1: Formation energy prediction on a held-out test set: mean absolute error (MAE, mean $\pm$ standard deviation over five random seeds), R^2 , and inference time per structure. The best values are in bold; the numbers are illustrative.

Model	MAE $\downarrow$ meV/atom	R^2 $\uparrow$	Time $\downarrow$ ms
Random forest	85 $\pm$ 3	0.91	0.4
GNN	33 $\pm$ 2	0.98	2.1
Ours	28 $\pm$ 1	0.99	1.5

Acknowledgments

Acknowledgments and references are not numbered and not included in the page limit – feel free to give credit where it's due. The template is based on the unofficial International Astronautical Congress template [8].

References

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- [7] AI4X Program Committee. Hallucinated citations and Desk Rejections – is there a connection? *Nature*, 2028.
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Appendix A. My title

A paper may contain an unlimited number of appendices which don’t count towards the page limit, but the reviewers are not required to read them.