# Guidelines for Submission to ISCA 2027

ISCA 2027 Submission **#NaN** – Confidential Draft – Do NOT Distribute!!


## Abstract

This document is intended to serve as a sample for submissions to the 54th IEEE/ACM International Symposium on Computer Architecture (ISCA), June 5–9, 2027 in Atlanta, Georgia, USA. This document provides guidelines that authors should follow when submitting papers to the conference. This format is derived from the ACM conference template `sample-sigconf.tex` with `acmart.cls` with the objective of keeping the submission similar to the final version, i.e., the `sample-sigconf.tex` template with `acmart.cls` will also be used for the camera-ready version.



## Keywords

Do, Not, Us, This, Code, Put, the, Correct, Terms, for, Your, Paper


## 1 Introduction

This document provides instructions for submitting papers to ISCA 2027. In an effort to respect the efforts of reviewers and in the interest of fairness to all prospective authors, we request that all submissions to ISCA 2027 follow the formatting and submission rules detailed below. Submissions that violate these instructions may not be reviewed, at the discretion of the program chairs, in order to maintain a review process that is fair to all potential authors. This document is itself formatted using the ISCA 2027 submission format. The content of this document mirrors that of the submission instructions that appear on the conference website. All questions regarding paper formatting and submission should be directed to the Program Chair (Yuan Xie).

### 1.1 Format Highlights

Here are the format highlights in a nutshell:

- Paper must be submitted in printable PDF format.
- Paper need to be prepared using ACM conference template.
- Papers must be at most 11 pages (not including references) in a two-column format.
- No page limit for references.
- Each reference must specify *all* authors, i.e., no *et al.*

### 1.2 Paper Evaluation Objectives

The committee will make every effort to judge each submitted paper on its own merits. There will be no target acceptance rate. We expect to accept a wide range of papers with appropriate expectations for evaluation — while papers that build on significant past work with strong evaluations are valuable, papers that open new areas with less rigorous evaluation are equally welcome and especially encouraged. We also acknowledge the wide range of evaluation methodologies in ISCA including modeling, simulation, prototyping, experimental implementation, real product evaluation, etc.


*ISCA '27, Atlanta, Georgia, USA*
2027. ACM ISBN 978-x-xxxx-xxxx-x/YY/MM
https://doi.org/XXXXXXX.XXXXXXX


## 2 Paper Preparation Instructions

### 2.1 Paper Formatting

Papers must be submitted in printable PDF format and should contain a *maximum of 11 pages* of single-spaced two-column text, **not including references**. You may include any number of pages for references, but see below for more instructions. If you are using LaTeX [1] to typeset your paper, then we suggest that you use the ACM template used to prepare this document, which you can find on the ISCA 2027 website. ACM also has a template for Microsoft Word. Please ensure that you include page numbers with your submission. This makes it easier for the reviewers to refer to different parts of your paper when they provide comments. One way to do that is to add `\settopmatter{printfolios=true}` before `\begin{document}`. Please ensure that your submission has a banner at the top of the title page, similar to this document, which contains the submission number and the notice of confidentiality. Remember to replace 'NaN' with your submission number. Please set the document class as review (`\documentclass[sigconf, screen, review]{acm`

### 2.2 Content

Reviewing will be *double blind* (no author list); therefore, please do not include any author names on any submitted documents except in the space provided on the submission form. You must also ensure that the metadata included in the PDF does not give away the authors. If you are improving upon your prior work, refer to your prior work in the third person and include a full citation for the work in the bibliography. For example, if you are building on *your own* prior work in the papers [2–4], you would say something like: "While the authors of [2–4] did X, Y, and Z, this paper additionally does W, and is therefore much better." Do NOT omit or anonymize references for blind review. There is one exception to this for your own prior work that appeared in IEEE CAL, arXiv, workshops without archived proceedings, etc. as discussed later in this document.

**Figures and Tables:** Ensure that the figures and tables are legible. Please also ensure that you refer to your figures in the main text. Many reviewers print the papers in gray-scale. Therefore, if you use colors for your figures, ensure that the different colors are highly distinguishable in gray-scale.

**References:** There is no length limit for references. *Each reference must explicitly list all authors of the paper. Papers not meeting this requirement will be rejected.* Since there is no length limit for the number of pages used for references, there is no need to save space here.

## 3 Paper Submission Instructions

### 3.1 Guidelines for Determining Authorship

IEEE/ACM guidelines dictate that authorship should be based on a *substantial intellectual contribution.* It is assumed that all authors have had a significant role in the creation of an article that bears their names. In particular, the authorship credit must be reserved

only for individuals who have met each of the following conditions:

(1) Made a significant intellectual contribution to the theoretical development, system or experimental design, prototype development, and/or the analysis and interpretation of data associated with the work contained in the article;
(2) Contributed to drafting the article or reviewing and/or revising it for intellectual content; and
(3) Approved the final version of the article as accepted for publication, including references.

A detailed description of the IEEE and ACM authorship guidelines and responsibilities is available online.[1] Per these guidelines, it is not acceptable to award *honorary* authorship or *gift* authorship. Please keep these guidelines in mind while determining the author list of your paper.

## 3.2 Declaring Authors

Updated policies regarding expected reviewer service for authors mean that authorship cannot be changed after abstract registration and paper titles must be finalized at the paper registration time. We hope this will reduce abuse of the abstract registration process to register ghost/placeholder papers.

## 3.3 Areas and Topics

Authors should indicate specific topics covered by the paper on the submission page. If you are unsure whether your paper falls within the scope of ISCA, please check with the Program Chair (Yuan Xie) — ISCA is a broad, multidisciplinary conference and encourages new topics.

## 3.4 Declaring Conflicts of Interest

Authors must register all their conflicts on the paper submission site. Conflicts are needed to ensure appropriate assignment of reviewers. If a paper is found to have an undeclared conflict that causes a problem OR if a paper is found to declare false conflicts in order to abuse or 'game' the review system, the paper may be rejected.

Please declare a conflict of interest with the following people for any author of your paper. A conflict occurs in the following cases:

(1) Between advisor and advisee forever.
(2) Between family members forever.
(3) Between people who have collaborated in the last 5 years. This collaboration can consist of a joint research or development project, a joint paper, or when there is direct funding from the potential reviewer (as opposed to company funding) to an author of the paper. Co-participation in professional activities, such as tutorials or studies, is not cause for conflict. When in doubt, the author should check with the Program Chair (Yuan Xie).
(4) Between people from same institution or who were in the same institution in the last 5 years.
(5) Between people whose relationship prevents the reviewer from being objective in his/her assessment.

'Service' collaborations, such as co-authoring a report for a professional organization, serving on a program committee, or co-presenting tutorials, do not themselves create a conflict of interest. Co-authoring a paper that is a compendium of various projects with no true collaboration among the projects does not constitute a conflict among the authors of the different projects. On the other hand, there may be others not covered by the above with whom you believe a COI exists, for example, an ongoing collaboration which has not yet resulted in the creation of a paper or proposal. Please report such COIs; however, you may be asked to justify them. Please be reasonable. For example, you cannot declare a COI with a reviewer just because that reviewer works on topics similar to or related to those in your paper. The Program Chairs may contact co-authors to explain a COI whose origin is unclear.

Most reviews will be solicited among the members of the PC and the ERC, but other members from the community may also write reviews. Please declare all your conflicts (not just restricted to the PC and ERC) on the submission form. When in doubt, contact the Program Chair (Yuan Xie).

## 3.5 Concurrent Submissions and Workshops

By submitting a manuscript to ISCA 2027, the authors guarantee that the manuscript has not been previously published or accepted for publication in a substantially similar form in any conference, journal, or the archived proceedings of a workshop (e.g., in the ACM/IEEE digital libraries) — see exceptions below. The authors also guarantee that no paper that contains significant overlap with the contributions of the submitted paper will be under review for any other conference or journal or an archived proceedings of a workshop during the ISCA 2027 review period. Violation of any of these conditions will lead to rejection.

The only exceptions to the above rules are for the authors' own papers in (1) workshops without archived proceedings such as in the ACM/IEEE digital libraries (or where the authors chose not to have their paper appear in the archived proceedings), or (2) venues such as IEEE CAL or arXiv where there is an explicit policy that such publication does not preclude longer conference submissions. In all such cases, the submitted manuscript may ignore the above work to preserve author anonymity. This information must, however, be provided on the submission form — the Program Chairs will make this information available to reviewers if it becomes necessary to ensure a fair review.

In addition, it is important to note that ACM/IEEE prohibit authors from reusing their own text or figures without attribution; doing otherwise either violates rules regarding plagiarism or anonymity. This applies to published works as well as those exempt from citation as mentioned previously. If you have already put your manuscript on arXiv, in the interest of double blind review, use a different title for the version you submit to ISCA and be aware of these rules regarding reuse of text. As always, if you are in doubt, it is best to contact the Program Chair (Yuan Xie).

[1] https://www.ieee.org/publications/rights/section-821.html
https://www.acm.org/publications/policies/new-acm-policy-on-authorship

Finally, the ACM/IEEE Plagiarism Policies[2] cover a range of ethical issues concerning the misrepresentation of other works or one's own work.

## Acknowledgments

This document is derived from previous conferences, in particular ISCA 2025.

## References

[1] Leslie Lamport. 1994. *LaTeX: A Document Preparation System* (2nd ed.). Addison-Wesley, Reading, Massachusetts.

[2] Firstname1 Lastname1 and Firstname2 Lastname2. 2016. A Very Nice Paper To Cite. In *Proceedings of the 49th Annual IEEE/ACM International Symposium on Microarchitecture.*

[3] Firstname1 Lastname1, Firstname2 Lastname2, and Firstname3 Lastname3. 2015. Another Very Nice Paper to Cite. In *Proceedings of the 48th Annual IEEE/ACM International Symposium on Microarchitecture.*

[4] Firstname1 Lastname1, Firstname2 Lastname2, Firstname3 Lastname3, Firstname4 Lastname4, Firstname5 Lastname5, Firstname6 Lastname6, Firstname7 Lastname7, Firstname8 Lastname8, Firstname9 Lastname9, Firstname10 Lastname10, Firstname11 Lastname11, and Firstname12 Lastname12. 2011. Yet Another Very Nice Paper To Cite, With Many Author Names All Spelled Out. In *Proceedings of the 38th Annual International Symposium on Computer Architecture.*

[2] http://www.acm.org/publications/policies/plagiarism_policy
https://www.ieee.org/publications_standards/publications/rights/plagiarism_FAQ.html