



IEEE Transactions on COMPUTER-AIDED DESIGN of Integrated Circuits and Systems

The IEEE TRANSACTIONS ON COMPUTER-AIDED DESIGN OF INTEGRATED CIRCUITS AND SYSTEMS is published monthly. Manuscripts considered for publication should focus on algorithms, methods, techniques and tools for the automated design of integrated circuits and systems, and on related areas. Submitted papers may be of a tutorial or research nature. Research papers must present original contributions and must show significant new material over descriptions or derivations available elsewhere. Tutorial papers should review the state-of-the-art in specific CAD fields and, at the same time, provide the readers with research perspectives and future challenges in the considered topic.

The IEEE must of necessity assume that material submitted for publication is available for general dissemination. It is the responsibility of the Author, not the IEEE, to determine whether disclosure of their material requires the prior consent of other parties, and if so, to obtain it.

A. Process for Submission of a Manuscript

Only electronic submissions will be considered.

Authors should disclose versions of this paper that were already peer-reviewed for publications in other journals and conferences within the past two years, immaterial of outcome.

If an earlier version of this paper was rejected by a different publication or conference, please provide information on how reviewer and editor comments from that review were handled. This can also include remarks that point out disagreements of author's viewpoint with review comments from other publication.

If an earlier version of the paper has been accepted for conference/workshop publication or has already appeared in a conference/workshop proceeding, the authors should clearly identify the substantive improvement over the earlier conference/workshop version.

The material in this submission should be at least 30% different in content from any prior accepted/published version, but it is up to the review process to determine whether the additional contributions are substantive. Examples of substantive enhancements include modifications/enhancements to algorithm, improvements in evaluation methodology, and new insights from additional benchmarks. Please note that an expanded literature review or a broadening of the introductory or background material usually does not count towards the 30% requirement.

Concurrent submissions of any kind (journal, conference, or workshop) to this Journal are not allowed and no extensions of any previously published journal version will be accepted.

If a submission has no previous peer-reviewed versions, it should clearly state this in the cover page.

B. Style for Submission of Manuscript

1) All manuscripts must be formatted using the IEEE two-column format. Style templates can be found at: <http://www.ieee.org/pubs/authors.html>.

2) The maximum number of pages allowed for submissions is:

Regular Papers: 14 pages.

Transactions Brief Papers: 5 pages.

Submitted papers that are not compliant with either the style format or the allowed page lengths will be returned to the Author.

3) The manuscript should include an informative 100- to 250-word abstract, at the head of the manuscript, which will appear with the paper. Index terms and 4-to-8 keywords describing the manuscript are also required.

4) References should appear in a separate bibliography section at the end of the paper, with items referred to by numerals in square brackets, e.g., [12]. In either case, references should be complete and in IEEE style.

Style for papers: Author, first initial(s) followed by last name, title, volume, including page numbers, month, and year.

Style for books: Author, title, location and publisher, year, chapter or page numbers (if desired).

5) Detailed instructions for preparation of the final manuscript will be provided upon acceptance of the paper for publication.

C. Graphical Abstract

This journal accepts graphical abstracts and they must be peer reviewed. For more information about graphical abstracts and their specifications, please visit the following link:

http://www.ieee.org/publications_standards/publications/graphical_abstract.pdf

D. Open Researcher and Contributor ID (ORCID)

All IEEE journals require an Open Researcher and Contributor ID (ORCID) for all authors. ORCIDs enable accurate attribution and improved discoverability of an author's published work. The author will need a registered ORCID in order to submit a manuscript or review a proof in this journal.

Follow these steps to link a ScholarOne account to a registered ORCID:

Login to ScholarOne and click on your name in the top row of the screen.

Click E-mail / Name in the dropdown menu.

In the ORCID section at the top of the page, click the appropriate link to either register for a new ORCID or associate the account with an existing ORCID.

A new page will open to create and/or validate your ORCID. Once the validation is complete, the new page will close and you will return to ScholarOne.

Save the changes to your ScholarOne user account.

Authors who do not have an ORCID in their ScholarOne user account will be prompted to provide one during submission.

E. Review Process

The IEEE TRANSACTIONS ON COMPUTER-AIDED DESIGN OF INTEGRATED CIRCUITS AND SYSTEMS publishes only peer-reviewed papers. The Editor will assign each submitted manuscript to an Associate Editor, who will rely on anonymous reviews to decide on the acceptance of the paper, on mandatory modifications, and on the publication in full or short form. The Author is responsible for checking the galley proofs prior to publication.

F. Open Access

This publication is a hybrid journal, allowing either Traditional manuscript submission or Open Access (author-pays OA) manuscript submission. Upon submission, if you choose to have your manuscript be an Open Access article, you commit to pay the discounted \$1,750 OA fee if your manuscript is accepted for publication in order to enable unrestricted public access. Any other application charges (such as over-length page charge and/or charge for the use of color in the print format) will be billed separately once the manuscript formatting is complete but prior to the publication. If you would like your manuscript to be a Traditional submission, your article will be available to qualified subscribers and purchasers via IEEE Xplore. No OA payment is required for Traditional submission.

G. Page Charges

After a manuscript has been accepted for publication, the Author's institution will be approached with a request to pay a voluntary charge of \$110 per page to cover part of the cost of publication. If the voluntary page charge is not honored, IEEE will charge a mandatory page charge of \$175 per page for each page in excess of 9. The Author will receive 100 free reprints (without covers) only if the voluntary page charge is honored. Detailed instructions will accompany the page proofs.

H. Copyright

It is the policy of the IEEE to own the copyright to the technical contributions it publishes. To comply with IEEE copyright policy, Authors are required to sign an IEEE Copyright Transfer Form before publication in either the print or electronic medium. Authors must submit a signed copy of this form with their manuscript.