ASC 2024
SOME KEY FACTS YOU NEED TO KNOW. PLEASE READ!!!

MANUSCRIPT VALIDATION

- Except for One Day Passes, the registration fee for each attendee includes one **unique registration code** entitling the registrant to submit **one** manuscript associated with a conference presentation for peer review and consideration for publication by the editors of the conference special issue. Any of the authors appearing in the author list of a submitted manuscript may designate the use of their unique registration code to validate the submission.
- This unique registration code **cannot** be used for extra pages.
- Any unique registration code that is connected with more than one submitted manuscript will invalidate the submission of *all* associated manuscripts unless unused unique registration codes can be designated, and the validations restored.
- Extra unique registration codes can be purchased, see extra papers below. A unique registration code held by a registrant whose name does not appear on the submitted manuscript's author list cannot be used to validate the manuscript.
- Manuscript submissions must be related to a presentation which must have been presented at ASC 2024 during the appointed time in the program.

EXTRA PAPER(S)

- A conference registrant may purchase additional manuscript unique registration codes.
- The cost for an additional manuscript unique registration code is **$440** and must be purchased during the registration process.
- Payment must be received prior to the submission of an original manuscript associated with the purchased unique registration code.
- Refunds for additional papers will be processed if request for is received by the registration cancellation deadline (July 29, 2024). However, please note that rejection of a manuscript during/after peer review does not imply a refund of any fees paid.

COMBINING PAPERS

- It is possible to request that editors consider the combination of manuscripts into a longer, single manuscript. Please inquire with the special issue guest editor or the conference editorial publication office **PRIOR** to manuscript submission.

PAGE LIMITS *(no change from previous ASC page limits)*

Manuscript Type	Page Limit	Pages for References Only
Contributed Oral or Poster	4	+1 *
Invited Oral or Poster	6	+1 *
Plenary	12	no limit

*Page limits do not apply to References—*references may continue onto or entirely take up additional pages at no additional cost*. References pages cannot contain any other content of the paper (e.g., no acknowledgment or conclusion).

- The additional page fee is **US $110** per page.
- It is **not** possible to use multiple unique registration codes to cover the cost of additional pages.

Additional page fees are due with acceptance of the paper. You will be contacted by the editorial staff with instructions on how to submit payment. **Payments will be collected by the Applied Superconductivity Educational Foundation/ASC 2024,** *not* **IEEE, and failure to make the payment will result in your manuscript being denied publication**. Voluntary page charges (or over-length article fees) processed by IEEE via the IEEE Author Gateway are not the mandatory additional page charges processed by ASEF/ASC 2024.

IEEE Publications may re-format graphics to ensure compliance with the IEEE Graphics Guidelines. In some cases, this could result in the body text extending substantially beyond the allowed page limit. You may be contacted for payment of an additional page fee if this occurs. To avoid this potential problem, please ensure that your graphics comply with the IEEE Graphics Standards and are sized appropriately, as indicated in the manuscript template.

OPEN ACCESS

Open access can be arranged directly with IEEE but must be requested **prior** to the article being published. Authors can select Open Access during the Final File Submission Process after manuscript acceptance. **Open access processing charges must be paid to IEEE.** Institutions that have a read-and-publish agreement should consult representatives who can advise about the use of pre-arranged open access allocations. **Click here** to check if your institution has an Open Access agreement.

IEEE POLICIES, USE OF ENGLISH

1. **Submission of a manuscript indicates an agreement to comply with IEEE policies for publication.** Please read the information about the IEEE Editorial and Publishing Policy and Ethics at https://www.ieee.org/publications_standards/publications/authors/author_ethics.html.

2. Read the Editorial Policies: https://ieeecsc.org/publication/ieee-tas/policies-publication. **In particular,** a manuscript may be deemed unsuitable if it (a) does not meet the scope of the special issue; (b) presents content other than what was presented at the conference; (c) does not present a clear scientific discussion or contains minimal new scientific material; (d) contains minimal references; (e) is written in such poor English that reviewers and potential readers cannot understand the manuscript; or (f) has major style errors, although style errors should not occur if the template is used.

3. To avoid delays or even the rejection of your manuscript for reasons related to English language take advantage of the paper writing service, see the **IEEE Author Center** (http://ieeeauthorcenter.ieee.org/create-your-ieee-article/create-the-text-of-your-article/) for more information or **click here** for other editing services.

4. **Reuse of Content/Material:** Recycling of material in a new document (previously called "self-plagiarism", or "reuse") happens when the material in the new document is identical, or substantively equivalent in both form and content, to that of the source. At times, it may be necessary for authors to recycle portions of their own previously published work, which is treated differently than when an author includes another author's material.

   When an author reuses recycled text, charts, photographs, or other graphics from his/her own previously published material, the author shall:

   1. Adhere to all copyright policies, clearly indicate all recycled material, and provide a full reference to the original publication of the material; and
   2. If the previously published or submitted material is used as a basis for a new submission, clearly indicate how the new submission differs from the previously published work(s) in the manuscript text (as well as possibly in the cover letter to the editor).

   As has been the publication policy, when an author uses text, charts, or photographs or other graphics from another author's existing material, the author shall:

   1. Clearly indicate reused material and provide a full reference to the origin (publication, person, etc.) of the material;
   2. Obtain written permission from the publisher or, if the reused material has not been published, obtain written permission from the original source.

   Articles will be automatically checked for plagiarism and re-publication of material using electronic databases, including other submissions to the same conference. Severe cases could result in rejection of a manuscript and may trigger other punitive actions by IEEE. The most common mistake by authors is cutting and pasting from previous versions of manuscripts describing earlier stages of the same work with or without properly giving attribution to the previous work and clarifying why the re-use of material is necessary. Additional information can be found here:

5. Follow the IEEE Editorial Style Manual at https://ieeeauthorcenter.ieee.org/create-your-ieee-article/create-the-text-of-your-article/ieee-editorial-style-manual.

6. **Use of Artificial Intelligence (AI) Generated Text:** IEEE understands that artificial intelligence (AI) tools, including grammar assistants, can reduce the writing burden and increase the productivity of authors when developing a manuscript for submission. The use of content generated by artificial intelligence (AI) in an article (including but not limited to text, figures, images, and code) shall be disclosed in the acknowledgments section of any article submitted to an IEEE publication. The AI system used shall be identified, and specific sections of the article that use AI-generated content shall be identified and accompanied by a brief explanation regarding the level at which the AI system was used to generate the content. The use of AI systems for editing and grammar enhancement is common practice and, as such, is generally outside the intent of the above policy. In this case, disclosure as noted above is recommended. An example is to add to the acknowledgment "Grammar in this manuscript was corrected with the assistance of Grammerly."

   Authors who plan to assist with the peer review should note that AI tools cannot be used in any way to prepare a review due to violation of review confidentiality.

   Misuse of AI tools and other misconduct may be subject to IEEE sanctions.

THE SCOPE OF THE APPLIED SUPERCONDUCTIVITY CONFERENCE

The scope of the Applied Superconductivity Conference is a little broader than applied superconductivity, in that closely related enabling technology that is of interest to the participants may be allowed. However, the scope of the *TRANSACTIONS IN APPLIED SUPERCONDUCTIVITY* is narrower and topics such as cryogenics, power supply design and electrical power grids are not within scope. The scope of the *Transactions*:

> *IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY* (TAS) contains articles on the applications of superconductivity and other relevant technology. Electronic applications include analog and digital circuits employing thin films and active devices such as Josephson junctions. Large scale applications include magnets for power applications such as motors and generators, for magnetic resonance, for accelerators, and cable applications such as power transmission.

Therefore, an abstract that is accepted for presentation at ASC and the manuscript resulting from that presentation may not lead to a published paper in TAS.

Evaluation of your accepted abstract indicates that your proposed presentation is within scope for the conference. A submitted manuscript based on your abstract may be out of scope for the *Transactions*, however. Additionally, consider where your readership is best served. Sometimes a simple change in emphasis is sufficient to bring the manuscript into scope (Level 1). For example, a manuscript describing a cryostat to test a superconducting device may be rendered on topic by a complete description of the device instead of referring to the superconducting device as a "black box". In some cases, this may not be possible in, for example, the description of a liquid helium plant (Level 2).

In the Level 1 case, please consider how you may bring a submitted manuscript into scope. In the Level 2 case, please consider if this is the appropriate journal to publish your manuscript, where it would receive the most attention from the appropriate audience.

Note too, that materials should have an **applied** superconducting application to be in scope for TAS.

Cryogenic packaging for quantum computing/information/communication systems are within scope for a presentation at ASC, but out of scope for TAS. In this case consider submitting a manuscript to the IEEE journal*: Transactions on Quantum Engineering* (TQE). Such topics are specifically called for within the field of interest of this new journal.

Of course, in any case, a poster or an oral presentation does not guarantee a published manuscript, as stated on the author information page.