

MT27

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

MANUSCRIPT VALIDATION

- The registration fee for each attendee includes one voucher (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 a voucher to validate the submission.
- Any voucher that is connected with more than one submitted manuscript will invalidate the submission of *all* associated manuscripts unless unused vouchers can be designated, and the validations restored.
- Extra vouchers can be purchased, see [extra papers](#) below. A voucher held by a registrant whose name does not appear on the submitted manuscript's author list cannot be used to validate the manuscript.

EXTRA PAPER(S)

- A conference registrant with a registration type that includes a manuscript voucher may purchase additional manuscript vouchers. Payment shall be received prior to the submission of an original manuscript associated with the purchased voucher.
- The cost for an additional presentation to submit another paper is **JPY 43,000**.
- Manuscript submissions must be related to a presentation.

COMBINING PAPERS

- It is possible to request that editors consider the combination of manuscripts into a longer, single manuscript. Please inquire with the editor-in-chief or the conference editorial publication office.

PAGE LIMITS

- A manuscript associated with a contributed presentation shall be 4 pages in length, and a manuscript associated with an invited presentation shall be 6 pages in length. An additional page or pages may be used for references **only**. Manuscript templates approved for IEEE transactions, including the TAS template, shall be used to determine whether a manuscript composed by authors falls within length 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.*

- **Any portion of the manuscript that is not a reference and is composed by authors beyond the page limit shall be assessed an extra page fee.** This includes changes to manuscript length in response to the peer review process. This does not include changes in length produced by IEEE conversion to final copy. **Extra page fees are due with acceptance** of the paper. Publication will be withheld until extra page fees are collected. Unused manuscript vouchers cannot be used as a substitute for payment of extra page fees.
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THE SCOPE OF THE MAGNET TECHNOLOGY CONFERENCE

The scope of the **Magnet Technology Conference** is a little different than applied superconductivity, in that closely related enabling technology that is of interest to the participants is allowed. **The MT conference series is the most important international forum addressing all aspects of magnet research, development, construction, testing, and operation. The focus lies in superconducting technology, but resistive magnets are also covered.** However, the scope of the *Transactions in Applied Superconductivity* is narrower and topics such as cryogenics, power supply design, motor control and design optimization 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. 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 MT may not lead to a published paper in TAS.

Consider the following as guidelines for your submission. **A submission should either discuss** the:

- “Science” of the component (SC or resistive coil)
- Specification of the magnet/magnet component from the system point of view
- Design, analysis, manufacturing, test of the magnet component
- Magnet component interaction with other system components
- Trade-off analysis of the system
- Support components (ramp tool, cryogenics, control, monitoring, etc.) if they affect the “magnet”

Evaluation of your accepted abstract indicates that your proposed presentation is within scope for the conference, but that a submitted manuscript based on our understanding of your abstract may be out of scope for the

Transactions. 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 magnet may be rendered on topic by a complete description of the device instead of referring to the superconducting magnet as a “black box”. In some cases, this may not be possible in, for example, the optimization process used for the electronics in a motor or generator (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.