

# Guidelines for Authors

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The *IEEE Transactions on Dielectric and Electrical Insulation* (TDEI) accepts manuscript submissions of Regular **Papers**, **Reviews**, and Dielectric **Letters**. To qualify for publication, the submissions must be unpublished, specifically prepared for the IEEE TDEI, and not be under consideration elsewhere (see *Ethics*). It is the responsibility of the corresponding author to obtain consent from all co-authors and sponsors before submission. By submission, authors agree to pay all charges and fees associated with publication of the manuscript (see *Charges and Costs*).

Every submitted manuscript must:

- 1) provide a clear statement of the problem and the proposed solution;
- 2) clearly explain the significance and the impact of the contribution to the relevant research field;
- 3) state the novelty and distinction of the current manuscript relative to previously published studies; and
- 4) provide relevant and recent citations from the most closely related work in the field to put the contribution in context.

**Scope:** The *IEEE Transactions on Dielectrics and Electrical Insulation* (TDEI) publishes articles on dielectric phenomena and measurements to analyze these phenomena; development and characterization of vacuum, gaseous, liquid, and solid dielectrics and electrical insulating components of systems; investigation of dielectric properties for innovative use including functional dielectrics; and diagnostic and prognostic methods with a primary focus on the behavior and properties of the electrical insulation in devices under operational stresses. The description of diagnostic methods without a primary link to the dielectric phenomena studied does not belong in these Transactions.

The articles in this journal are peer reviewed in accordance with the requirements set forth in the [IEEE PSPB Operations Manual](#) (sections 8.2.1.C & 8.2.2.A). Each published article was reviewed by a minimum of two independent reviewers using a single-blind peer review process, where the identities of the reviewers are not known to the authors, but the reviewers know the identities of the authors. Articles will be screened for plagiarism before acceptance. Corresponding authors from low-income countries are eligible for [waived or reduced open access APCs](#).

**Pre-screening:** All manuscripts submitted to IEEE TDEI are prescreened immediately after they are submitted and before they are transmitted to reviewers for evaluation [explained in Section 8.2 of the IEEE Publication Services and Products Board (PSPB) Operation Manual]. Manuscripts with limited novelty, insufficient technical content, and poor language will receive an administrative decision of **Immediate Reject** without being considered for review. Manuscripts must be

prepared carefully and written in a clear and concise style in English within the scope of the journal and represent a novel contribution.

## I. TYPES OF SUBMISSIONS

**Regular Papers** are original research findings with a complete disclosure of the techniques and methods for reproducibility. Papers may be a maximum of 10 pages and 35 references and must generally satisfy requirements for completeness. Any paper in excess of **8** pages (including title, names of authors, abstract, text, figures, tables, appendices, references and authors' biographies) will be subject to mandatory overlength page charges. Papers may include Special Issue Papers and Invited Papers, which may have different page limits. Authors considering submitting a 2-part manuscript should first discuss the proposal with the Editor-in-Chief. Experience has shown that it is difficult to find suitable reviewers for the 2-part manuscripts and often the reviewers render a decision to combine manuscripts.

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**Dielectric Letters** are short, rapid communications for which timeliness is essential. Letters will be reviewed only for acceptance or rejection to speed up the process. Published letters must occupy no more than **3** pages including references.

**Errata** are occasionally published and provide a forum for authors to make corrections to their papers published previously in the IEEE TDEI.

## II. MANUSCRIPT PREPARATION

Authors should prepare their article, graphics, and multimedia materials according to IEEE guidelines listed in the [IEEE Author Center](#).

**Manuscript Formatting & Article Templates:** In Author Portal, authors must supply both a source file and a PDF submission of the manuscript with formatting the same as the published articles in Transactions. This assists reviewers and will be made available in advance of the final electronic or print versions in Early Access on the TDEI page in IEEE Xplore.

Prepare your manuscript according to the article templates in the [IEEE Template Selector](#) in double-column and single-spaced format with in-line figures. Instructions for manuscript preparation, document templates for Microsoft Word, and style files for LaTeX users can be found at <https://template-selector.ieee.org/>.

**Abstract:** The abstract must be a concise yet comprehensive reflection of what is in your article. In particular:

- The abstract must be self-contained, without abbreviations, footnotes, or references.
- The abstract must be written in present tense and should contain between 150 and 250 words.
- The abstract must be written as one paragraph and should not contain displayed mathematical equations or tabular material.
- The abstract should include three or four different keywords or phrases, as this will help readers to find it. It is important to avoid over-repetition of such phrases because this can result in a page being rejected by search engines.
- Ensure that your abstract reads well and is grammatically correct.

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**Submission:** Proofread your manuscript before submission and confirm that all figures and equations are visible. Proofreading is critical; once you submit your manuscript, the manuscript cannot be changed in any way. A successful submission will be followed by an e-mail confirmation to the corresponding and all contributing authors.

### IV. ETHICS

It is the responsibility of authors to obtain all necessary approval and to follow ethics when treating human subjects and animals. A footnote or an acknowledgement should appear in the manuscript to indicate such approval. Authors must also disclose all funding bodies and all forms of financial and equipment support that contributed to the submitted manuscript.

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not informing the editor that an article had been published, accepted for publication, or concurrently under review by another publication.”

#### V. AFTER THE REVIEW

Manuscripts submitted to the IEEE TDEI will receive one of the following decisions after the review process.

**Accept:** No further review is necessary. Manuscripts may still have minor corrections or changes according to reviews or editor’s decision.

**Minor Revisions:** Manuscripts may be returned to the authors for revision in response to reviewers’ recommendations.

The corresponding author must submit a clean, unmarked copy of the PDF and source file of the revised manuscript using the Main Body file type to the IEEE Author Portal within three weeks of a decision. Additionally, a PDF with all changes highlighted in yellow must be submitted as “Main Document – Highlighted Changes.”

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**Major Revisions:** This decision indicates that the manuscript requires a major change that cannot be performed within three weeks. Authors may resubmit a revised manuscript within an extended period of five weeks. For the resubmission, the same instructions as for minor revisions (see above) apply.

**Submit to Another Journal:** The submitted manuscript is not relevant or within the scope of the IEEE TDEI. The Associate Editor or reviewers may recommend another journal.

**Reject:** No further considerations.

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