# IEEE T-EMC

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# Aim & Scope of T-EMC

IEEE Transactions on Electromagnetic Compatibility (T-EMC) publishes original and significant contributions related to all disciplines of electromagnetic compatibility (EMC) and relevant methods to predict, assess and prevent electromagnetic interference (EMI) and increase device/product immunity.

The scope of the publication includes, but is not limited to Electromagnetic Environments; Interference Control; EMC and EMI Modeling; High Power Electromagnetics; EMC Standards, Methods of EMC Measurements; Computational Electromagnetics and Signal and Power Integrity, as applied or directly related to Electromagnetic Compatibility problems; Transmission Lines; Electrostatic Discharge and Lightning Effects; EMC in Wireless and Optical Technologies; EMC in Printed Circuit Board and System Design.

<https://ieeexplore.ieee.org/xpl/aboutJournal.jsp?punumber=15>

# Content of the latest issue

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# Information for Authors (How to submit a paper?)

## New Manuscript Preparation

* All manuscripts, regardless of their types (Papers/Letters/Correspondences), must follow the IEEE Style. The style can be found in the IEEE Author Center where authors can also find useful information about Paper Writing, Peer Review, and Publication. In general, the required format of a manuscript is in the IEEE two-column template with figures and captions included in the text. Please pay attention to the style requirements for text, figures, tables, color, index items, and affiliations of a manuscript.
* IEEE Author Center: <https://ieeeauthorcenter.ieee.org/>
* The template (Word/Latex), <https://template-selector.ieee.org/>
* To increase the chance of paper acceptance, authors are strongly encouraged to evaluate their manuscript, in terms of relevance, novelty, technical soundness, presentation quality, with the following points (click here [link to the PDF file “temc-Paper self-Evaluation.pdf”]). Note that such points are also used by T-EMC reviewers in reviewing a manuscript.

## Revised Manuscript Preparation

Upon completion of peer review, if a manuscript is conditionally accepted for publication, the authors will have to revise the previous manuscript by considering all the comments/requests from the Reviewers, the Associate Editor, and the Editor-in-Chief. Please remember to submit the following files:

* Revised manuscript with changes highlighted in blue or red for better readability
* A “Reply (or Response) to reviewers” file with detailed response to each comment of very reviewer. Please be clear and specific in your response and supply supporting evidence especially if you disagree with some comment. Please upload the file as a 'Supporting Document' in the paper submission system.

## Type of Manuscript

A manuscript can take the form of a full-format paper, a short letter, or a brief correspondence.

* **PAPERS** are the proper vehicle for the presentation of thorough EMC engineering work of archival (long-lasting) value, including advances in the state of the art, both theoretical and experimental. Authors are encouraged to presenting their work as compactly and clearly as possible while being thorough and complete.
* **LETTERS** are the proper format for rapid dissemination of latest research results. They are typically narrower in scope and shorter in length compared to papers. Their length must not exceed four (4) printed pages.
* **CORRESPONDENCES** are used for the brief presentation of technical issues, and for the correction or discussion of papers in earlier issues. Their length should not exceed two (2) printed pages.

Note that the peer REVIEW process for Letters and Correspondences is one step only, i.e., the manuscript is either accepted (with minor changes) or rejected.

## Open Researcher and Contributor ID (ORCID)

All IEEE journals require an Open Researcher and Contributor ID (ORCID) for all authors. ORCID is a persistent unique identifier for researchers and functions similarly to an article’s Digital Object Identifier (DOI). 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.

## Electronic Submission

Author(s) must submit their manuscript electronically via the ScholarOne Manuscripts center:

<https://mc.manuscriptcentral.com/temc-ieee>

The electronic submission process consists of 7 steps as listed below:

|  |  |
| --- | --- |
| Step 1: Type, Title, & Abstract  Step 2: File Upload  Step 3: Attributes  Step 4: Authors & Institutions | Step 5: Reviewers & Editors  Step 6: Details & Comments  Step 7: Review & Submit |

Note that in Step 6, authors are specifically required to answer two questions: 1) What research problem is addressed by the manuscript and why is it important to the EMC community? (100 words maximum); 2) What is the novelty of your work? (100 words maximum).

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## Page Charge

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## Richard B. Schultz Best Transactions Paper Award

Every year, after going through a rigorous three-step selection process, two full-format papers that were published in the February issue to the December issue of the previous year will be awarded the Richard B. Schultz Award, i.e., the Best Transactions Paper (BTP) and the Honorable Mention Transaction Paper (HMTP).

# Review

* The articles in this journal are peer reviewed as per the IEEE Publication Services and Products Board Operations Manual (<https://pspb.ieee.org/images/files/files/opsmanual.pdf>). Each manuscript was reviewed by a minimum of two independent reviewers in a single-blind peer review process (Reviewers know the identities of authors, but not vice versa).
* The review of a manuscript usually takes about 6-8 weeks. Authors can check the review status in the ScholarOne Manuscripts center.
* This journal welcomes skilled new reviewers. If you are competent with expertise in the T-EMC areas and willing to serve as a reviewer, you may recommend yourself to the Editor-in-Chief.