

**TED SPECIAL ISSUE ON VACUUM ELECTRONICS
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GUIDELINES FOR THE RE-PUBLICATION OF CONFERENCE PAPERS

The submitted manuscript must be an enhanced or expanded version of the archived copy of the conference paper. The following checklist applies.

MANDATORY

- The conference paper must be fully cited in the manuscript footnotes.
- The introduction must explain how the conference paper has been expanded or enhanced.
- If the conference paper has been revised substantially; the title must also be revised.
- If the conference paper is not in the XPLORE database, a copy of the conference paper must be submitted with the enhanced manuscript.
- If the copyright for the conference paper is not owned by IEEE, the authors must obtain written permission from the copyright owners to reprint all text and figures that are identical to the originals.
- The reuse of previous work by other authors and all relevant background work must be fully cited in the submitted manuscript.
- A minimum of a third of the paper must contain new material.

RECOMMENDED

- Figure captions should be expanded as necessary.
- Figures and labels should be improved.
- Redundant and irrelevant figures should be deleted.
- The introduction should include a description of the motivation for the study.
- The text should describe how the data were taken, if the procedure was not an industry standard.
- The text should describe any unique experimental set-ups or methods.
- The text should describe the details of models or software used if not available in the literature.
- The text should describe the details of any mathematical derivations, the assumptions made and the domain of validity of the equations.
- A discussion section should be added.
- Background data or information may be added.
- The text should be expanded or re-written to clarify points raised by conference participants.
- The manuscript should not exceed seven published pages.