

Recommendations for Preparing Post-Conference Paper Submissions for TPEL

We strongly encourage authors to consider submitting extended versions of their conference papers for publication in TPEL. However, it is of paramount importance that these submissions meet the elevated standards of TPEL. To assist you in this process, we have provided the following recommendations, which serve as a foundation and a suggested approach for transforming conference papers into comprehensive journal submissions. These guidelines are designed to aid authors in effectively enhancing the conference papers and navigating their transition to journal submissions and ensuring a successful outcome.

- 1. Introduction:
 - Emphasize the differences in scope and depth between the conference and journal papers.
- 2. Literature Review:
 - **Elevate the Depth:** Elevate the literature review of your conference publication to a comprehensive and exhaustive level suitable for journal publications. Provide proper citation to the original conference paper and explain how the journal submission extends and improves upon it.
 - **Identify Research Gaps:** In addition to citing relevant literature, your review should actively identify the gaps, limitations, and unanswered questions that your research addresses. In particular, discuss potential challenges that were not addressed in the conference paper.

- **Framework of Theoretical Foundations:** If applicable, establish the theoretical foundations that form the basis of your research. When constructing this framework, bear in mind that due to space limitation in conference papers, it is expected that the journal version of your conference paper should be more comprehensive, offering additional details. This adjustment is necessary as the audience of your journal paper is seeking in-depth information and greater elaboration. This process might entail citing seminal journal articles that establish the core theories pertinent to your study.
- 3. Methodology and Approach:
 - Highlight any modifications or enhancements made to the methodology since the conference paper.
 - Provide sufficient technical details to allow possible replications of the experiments and simulations.
- 4. Experimental Validation:
 - Discuss any changes or expansions to the experimental setup, instrumentation, or data analysis since the conference presentation.
- 5. Results and Discussion:
 - Present the results of your research comprehensively, with an emphasis on the insights gained and the impact of the findings. Highlight the added results since your conference paper publication and address any limitations or challenges encountered during the research and how they were overcome.

■ 6. Contributions and Improvements:

- Clearly articulate the progress made in research since the initial conference paper. When authors submit a journal paper that closely resembles their prior conference publication(s), the conference paper(s) serve as a foundation for an expanded journal publication. However, the journal paper must not be a mere duplication; rather, it should present distinct advantages to the research community beyond what the conference paper already offers. This could encompass additional analysis, innovative algorithmic enhancements, supplementary theoretical exploration, extensive experimental validation, and more. These supplementary materials should be discernible from the introduction and/or abstract of the journal paper, or they should be clearly elucidated in a separate accompanying document submitted alongside the journal paper. When it comes to the body of the journal paper, authors should diligently refrain from directly copying and pasting content from their conference papers. All submitted papers are subject to a similarity check, and if a substantial overlap of 70% or more is identified, it will lead to an automatic rejection. In cases where the similarity check shows a range between 50% and 70%, the editor-in-chief will make the determination regarding whether the paper should be forwarded for peer review.

■ 7. References:

- Provide a complete list of references cited in the paper, including recent and relevant journal articles as well as the conference version of the original paper. The conference version of the paper (or papers) that the journal paper is based on, must be listed in the references.