Transactions on Energy Systems and Engineering Applications

Editorial

Recent Developments

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Abstract: Editor-in-Chief Andres Marrugo discusses the latest developments in the journal.

As we wrap up the second issue of the year of Transactions on Energy Systems and Engineering Applications (TESEA), I would like to review several recent developments in the journal. There have been many behind-the-scenes improvements, but I will mention the most important ones.

Last June, I overtook the leadership at the journal as the new Editor-in-Chief. I want to acknowledge the work of our former editor-in-chief Dr. Oscar Montoya. He led the launch of the journal amidst the pandemic and worked to establish the initial editorial team. We are grateful for his term as editor and hope he will continue contributing to TESEA.

In these past few months, we have revised the journal scope to place a special emphasis on engineering applications. In the near future, we will promote research articles that integrate new web technologies and services that ensure research reproducibility. We hope to continue this path of strengthening engineering research, reproducibility, and detailed experimental notes and protocols.

Our journal runs on the Open Journal Systems (OJS) [1] developed by the Public Knowledge Project. We have recently upgraded to OJS 3.3.0.11 and have implemented several key plugins. For example, our journal is now fully integrated with ORCID so that authors can log in using their ORCID credentials. Also, their ORCID profile gets automatically updated when they publish an article. The new CrossRef Cited-by plugin allows readers and authors to quickly find other articles citing the TESEA articles. There are other such improvements in the journal website.

Another new aspect is a special section called feature papers [2]. These articles represent research with significant potential for high impact. They are submitted upon individual invitation by the editors and undergo peer review before publication. A Feature Paper can be an original research article or a comprehensive review of the latest advances in the field. In this issue, we have two such pieces: "Applications of Digital Twins in Power Systems: A Perspective" by Leila Kamyabi, Tek Tjing Lie, and Samaneh Madanian [3], and "High-speed 3D optical sensing for manufacturing research and industrial sensing applications" by Beiwen Li [4].

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Finally, I'd like to give a glimpse of the kind of journal we run. As the journal editor, I write most messages the authors receive, and they can communicate directly with me. Given our relatively small size, our associate editors take the time to review the papers, select the right peer reviewers, and provide amazing feedback. We strive to help the submitted papers become the best they can be.

We take great pride in what we do, and our mission is to forge a strong engineering research community around TESEA.

Andres G. Marrugo
Editor, *TESEA*

References

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[2] Feature papers. https://revistas.utb.edu.co/tesea/catalog/category/feature. Accessed: 2022-12-12.

[3] Leila Kamyabi, Tek Tjing Lie, and Samaneh Madanian. Applications of digital twins in power systems: A perspective. *Transactions on Energy Systems and Engineering Applications*, 3(2):484, 2022.

[4] Beiwen Li. High-speed 3d optical sensing for manufacturing research and industrial sensing applications. *Transactions on Energy Systems and Engineering Applications*, 3(2):490, 2022.