



IEEE Transportation Electrification Community eNewsletter

The IEEE Transportation Electrification Community (TEC) eNewsletter is a quarterly electronic publication targeted at IEEE TEC members interested in various topics which are related to transportation electrification. Each quarter, the TEC newsletter will focus on a theme, and articles will address state-of-the-art as related to that theme. Land, marine, and aerospace transportation applications are all of interest.

The goal of the TEC eNewsletter is to bring global experts from industry, academia, and government, to share early thoughts, findings, and concerns that can trigger further discussions through the newsletter itself, in addition to TEC-affiliated workshops, conferences, and publications. News regarding major breakthroughs that can transform transportation electrification, new transforming products, as well as transportation-electrification-related activities are also of interest.



Call For Articles

2023 Third Quarter Theme: Battery and Management Systems

Articles in the area of battery and management systems in transportation applications are welcome for the 2023 third-quarter newsletter. Topics include but are not limited to Topologies & trends, feature-based cost-effective design, application-based state modeling, passive & active cell balancing schemes, protection schemes, daisy-chain, SoC & SoH estimation in master-slave configurations, BMS for ultra fast charge-discharge operation, BMS for Supercapacitors, EMI/EMC issues, IoT-based battery management, AI-driven battery analytics, reliability modeling, failure case analysis, design validation test benches, and democratizing BMS design.

Submissions should be 800-1,200 words and single-spaced and single-column including all figures and references.

Submit your article online at:

<https://app.smartsheet.com/b/form/e9b6546186104963b829d7b26760b840>

Important Dates:

- Article Submission Deadline: August 31, 2023
- Revised Submission: September 30, 2023
- Reviewer Feedback and Decision: Sept. 15, 2023
- Publication Date: October 2023

GUEST EDITORS:

Thanga Raj Chelliah
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Technology Roorkee*

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