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.

2022 Third Quarter Theme: Aircraft e-Propulsion and e-Drone

The IEEE TEC Newsletter is soliciting papers for its third-quarter issue based on the thematic topic: Electrified Air Mobility and Propulsion. This represents one of the most exciting areas in aerospace electrification today. The scope will encompass small drones, large UAVs, fixed-wing, traditional rotorcraft, eVTOL aircraft, conventional powerplant configuration, and distributed electric propulsion (DEP). Paper topics can include, but are not limited to Innovative charging of drones/aircraft, battery technology, fuel cell technology for UAV and UAS applications, electric machines, motor drives, testing, IoT, autonomous air mobility, and control systems.

Submissions should be 800-1,200 words and single-spaced and single-column including all figures and references. Submit your article online at: https://bit.ly/3klgD3p

To see past issues, please visit: https://tec.ieee.org/newsletter/past-issues

Important Dates:

Article Submission Deadline: September 2, 2022

Reviewer Feedback and Decision: September 30, 2022

Revised Submissions: October 14, 2022

Publication Date: October 2022

New! Articles published in 2022 will be included in IEEE Xplore!

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