



## 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.

### 2023 Call for Articles - Advances in Charging Systems

The IEEE TEC Newsletter is soliciting papers based on the thematic topic: Advances in Charging Systems. Recent advancements in battery charging technology include the development of fast charging, wireless charging, and energy-efficient charging systems. These advancements have greatly improved the charging speed and convenience of smartphones and electric vehicles. There has also been a push towards renewable energy sources for charging, such as solar and wind power, to reduce the reliance on traditional power grids. Additionally, researchers are exploring using new materials and designs to increase the energy density and efficiency of batteries. Paper topics can include, but are not limited to innovative charging of vehicles, battery technology, energy-efficient charging methods, bi-directional charging systems, testing, IoT, 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: Continuous in 2023**

**Reviewer Feedback and Decision: 4 Weeks from Submission**

**Revised Submissions: 2 Weeks from Notification**

**Publication Date: 2023**

**New! Articles published in 2023 will be included in IEEE Xplore!**

### Guest Editor



**Cheng Siong  
Chin**