

# Poster Presentation Competition of PESA 2024

IEEE TRANSPORTATION ELECTRIFICATION COUNCIL

ORGANISED BY EDUCATION COMMITTEE

CO-ORGANIZED BY PESA 2024

## POSTER SESSION SCHEDULE AND SET UP FOR CONTESTANTS

1. At least one of the authoring students must be present at the Student Poster Competition.
2. The poster session is on 07 Jun.
3. Teams will make a 10 minutes presentation on their poster, by recording or online live, using either the poster only, followed by 5 minutes for live questions by the judges and audience.
4. Judging will occur after the session is over and results will be announced by email and posted on the website.
5. Feature prize posters on the website.

### **PRIZES:**

Cash prizes will be awarded as follows:

- Judges Award- 100USD
- Technical Award- 100USD
- People's Choice Award- 100USD

### **WHO CAN PARTICIPATE?**

- Poster authors must be minimum undergraduate students at the time of submission and may be members of a team comprising of up to four students..
- The poster should be fully the work of the student(s) and completed before they have received their respective engineering or scientific degree.

### **REGISTRATION:**

- After the paper and poster are accepted, at least one contestant must register at <http://perc.polyu.edu.hk/Register24.html> Registration is not required to submit the final abstract.
- Registration fee is 2500HKD per poster.
- Additional students may participate as the audience for no additional fee.

## **CONTENTS FOR THE COMPETITION**

IEEE TEC invites PhD, Postgraduates and Undergraduates (current) to submit a conference paper to PESA 2024, and a 200-word abstracts for a poster competition to be held during the conference at Hong Kong Polytechnic University from 05 to 07 June. Several leaders across the globe shall be attending this event. It is a unique opportunity for students to demonstrate their research, projects or business ideas to a community of world-renowned industry experts, faculty and IEEE professionals in addition to fellow students. There will be separate tracks and prizes for Undergraduate and Postgraduate students.

Participate and WIN exciting Cash Prizes!!!

We welcome your poster design based on electrical means to power a transportation unit/system. The design includes, but not limited to:

- Electric Vehicle (V2G , G2V)
- EMC
- Electric Vessel
- Power Electronic Converter for EV Applications
- AI or Machine learning for Power Electronics
- Circuit and Topology
- EMI and EMC
- Wireless Power Transfer
- Application of Chargers
- Battery Management System
- Vertical Transportation
- Electric Train and Electric Aircraft
- Electric Spacecraft
- Hybrid Electric Vehicle
- Policy Standards and Securities



### **HOW TO SUBMIT?**

**Preliminary stage:** To participate in the Competition, students should form a maximum 4 people team and write a 200-word abstract for the poster, including the title, design content, and initial argument; along with authors names, respective university and contact details. You may submit it in PDF and an up-to-5-minute recorded presentation in MP4 format, before 04 April using the Google form: <https://forms.gle/Esf6BmUzYocXTgyP8>

The abstracts will be reviewed and authors shall be notified about the acceptance of their poster design by 19 April. If you have any queries in submitting your abstract, please contact [pesa24.eee@polyu.edu.hk](mailto:pesa24.eee@polyu.edu.hk).

**Register the Competition:** After the preliminary acceptance, authors shall need to register for the poster competition at official website <http://perc.polyu.edu.hk/pesa2024.html>. A 400-500-word final abstract with a poster of no larger than 48 x 36 inches in PDF in Poster track of [Easychair](https://easychair.org), which you can find as above stated.

Note: The students participating for the poster presentation shall further go for the paper submission in IEEE PESA conference 2024. The submission paper format please check the [PESA guideline](https://perc.polyu.edu.hk/Register24.html) in official website: <http://perc.polyu.edu.hk/Register24.html>. Final paper submission will further be done at PESA24 track, [Easychair](https://easychair.org/conferences/?conf=pesa2024): (<https://easychair.org/conferences/?conf=pesa2024>)