



# Student Competition on Electric Transportation Design – Automotive, Vessel and Aircraft

12-14 December 2017

<http://perc.polyu.edu.hk/pesa2017.html>

Hong Kong

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## Organized by

**Education Committee  
IEEE Transportation Electrification Community**

**Co-organized by International Conference PESA 2017  
and The Hong Kong Polytechnic University**

The student competition on electric transportation design - automotive, vessel and aircraft is a new initiative organized by Education Committee, IEEE Transportation Electrification Community (TEC), and jointly organized with the 7<sup>th</sup> International Conference on Power Electronics Systems and Application (PESA) 2017.

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

- Electric vehicle
- Electric vessel
- Electric train
- Electric aircraft
- Electric spacecraft
- Hybrid vehicle/vessel/aircraft
- Vertical transportation



Your design will describe your transportation unit/system that leads to an engineering prototype or product. Successful design will be selected according to the performance in efficiency, travelling distance per charge, cost, robustness, appearance, research and commercial values.

A student from an institution may enter the competition. Your design should be presented in form of a technical paper like in IEEE format. You will be requested to present in the conference.

Prize and certificate will be awarded to the winners of the contest :

**1<sup>st</sup> prize: US\$ 2,500**

**2<sup>nd</sup> prize: US\$ 1,500**

**3<sup>rd</sup> prize: US\$ 500**

The event will be organized with the 7<sup>th</sup> International Conference on Power Electronics Systems and Applications that will be held in December 2017 in Hong Kong. The conference is also sponsored by IEEE. This three-day conference focuses on the recent research and the industrial projects of electric transportation based on power electronics and related technology.

## Deadlines:

Submission of Design Papers	15 October 2017
Notification of Acceptance	15 November 2017
Announcement of the winner	12 December 2017

## Paper Submission:

The information about the full design paper submission, including the paper format, can be found at the following website <http://perc.polyu.edu.hk/pesa2017.html>

The full paper could also be sent by email or post with softcopy to:

[eeepesa17@polyu.edu.hk](mailto:eeepesa17@polyu.edu.hk) OR Secretary of PESA 2017 Conference, Department of Electrical Engineering, The Hong Kong Polytechnic University, Hung Hom, Hong Kong.  
email: [eeepesa17@polyu.edu.hk](mailto:eeepesa17@polyu.edu.hk)