



Call for Papers

The 8th International Conference on Power Electronics Systems and Applications Future Mobility and Future Power Transfer

7 December – 10 December 2020

<http://perc.polyu.edu.hk/pesa2020.html>

Hong Kong, China

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Organized by

**Power Electronics Research Centre
The Hong Kong Polytechnic University**

Co-organized by PELS (Hong Kong Section)

Technical Sponsored by IEEE TEC

The 8th International Conference on Power Electronics Systems and Application (PESA) will be held in December 2020 in Hong Kong, China. The conference focuses on the recent research and the industrial projects of power electronics and related technology.

The conference aims to be a key international forum for the exchange and dissemination of technical information on power electronics among academics and practicing engineers in the field.

The coming conference features technical presentations and panel discussion sessions. The technical presentations will be presented by eminent academics, engineers and managers around the world and will cover topics of current interest in the area of static power conversion, machines, drives, traction, devices, simulation, and energy saving. The panel discussion sessions will provide an open forum for exchanging ideas on the recent development, applications and new standards in power electronics.

This year the theme is “Future Mobility and Future Power Transfer”, which aims to explore the near future new energy processing for applications and research in the field. Selected papers will be published in the Asian Power Electronics Journal.

Topics:

- Power Converters
- Magnetics & Capacitors design
- Distributed Generation & Energy Storage
- EMC & Power Quality
- Aerospace Power Electronics
- Medical & Rehabilitation Power Electronics
- Control Techniques for Power Converters
- Thermal Management & Packaging
- Power Electronics application in Power Systems
- Motor Drives, Control & Mechatronics
- Wide Band Gap Semi-conductors devices
- Environmental Protection & Alternative Energy
- Railway Systems & Transportation
- Wireless Power Transfer
- Power Electronics Security

Deadlines:

Submission of Full Papers	15 Sep 2020
Notification of Acceptance	15 Oct 2020
Submission of Revised Full Papers	29 Oct 2020

Paper Submission:

The abstract submission is required with one page, A4 size which includes the title and main contribution. The format of full paper submission can be found at the following [PESA Website](#).

The full paper could be sent via [EasyChair](#) or by email to the Secretary of PESA 2020 Conference. Email: eepeesa20@polyu.edu.hk