

The 1st IEEE Workshop on Power Electronics for Aerospace Applications in Asia (PEASA-Asia 2026)

August 19th-21st, 2026

Call for Paper

The IEEE Workshop on Power Electronics for Aerospace Applications in Asia (PEASA-Asia) is an international forum dedicated to presenting and discussing the latest advancements, challenges, and trends in power electronics for aerospace systems. The first inaugural workshop, PEASA-Asia 2026, will be held from August 19 to 21, 2026, in Xi'an, China - a city renowned for its rich historical heritage and as a leading center for aerospace research and education in China.

The workshop aims to bring together researchers, engineers, industry experts, and academia from across Asia and beyond to exchange ideas, share research outcomes, and foster collaboration in the field of aerospace power electronics.

Topics (include but not limited to)

- ◆ Electrical machines
- ◆ Power electronics and applications
- ◆ Electrical distribution systems
- ◆ Hybrid/electric propulsion systems
- ◆ Thermal/Energy management
- ◆ Protection and fault diagnosis
- ◆ Electric aviation
- ◆ Low-altitude economy technology

Important Dates

Digest Submission Deadline	30 April 2026
Acceptance notification	15 June 2026
Full paper Submission (6-page full paper)	20 July 2026

Organizing Committee

Honorary Chairs:

Tao Yang, University of Nottingham, UK

Conference General Chair:

Weilin Li, Northwestern Polytechnical University, China

Conference General Co-chair:

Zhuoran Zhang, Nanjing University of Aeronautics and
Astronautics, China

Xiaofeng Ding, Beihang University, China

Paper Submission Guidelines

Prospective authors are invited to submit original, unpublished papers in English. All submissions must be in PDF format and follow the IEEE conference paper template. Digest should not exceed 4 pages in length, including figures, tables, and references.

Accepted and presented papers will be published in the workshop proceedings and submitted for inclusion in the IEEE Xplore® Digital Library. Papers must be submitted electronically via the online submission system on the official workshop website: <https://peasa-conf.com/>

Contact Information

Workshop Secretariat:

✉ Email: wenjieliu@nwpu.edu.cn

🌐 Website: <https://peasa-conf.com/>

📍 Venue: Grand Shaanxi Hotel

