

ABOUT THE WORKSHOP

PEASA Europe 2026: Powering the Next Generation of Hybrid-Electric Aircraft

IEEE PELS Workshop PEASA – Power Electronics for Aerospace Applications Europe 2026 will bring together leading experts from **academia** and **industry**, including representatives from all major **Clean Aviation projects**, and will provide a high-profile platform for dissemination and collaboration. Since many Clean Aviation projects are approaching **completion next year**, the workshop will serve as a European stage to showcase their key results and promote technological synergies for the **electrification of aviation**.

The program features keynote presentations, recent results from Clean Aviation projects, and specialized technical sessions, along with an exhibition area, providing an excellent platform for exchanging expertise and establishing international professional networks.

This year, we are pleased to offer a special technical visit on 1 October to Fraunhofer IISB in Erlangen, just a 30-minute bus ride from the conference venue.

General Chair

Prof. Martin März, FAU Erlangen-Nürnberg

Co-Chairs

Dr.-Ing. Bernd Eckardt, Fraunhofer IISB

Markus Meindl, Fraunhofer IISB



<https://www.peasa-europe2026.com/>



29-30 September 2026, Nuremberg, Germany

CALL FOR PAPERS

Authors are invited to submit an extended 3-5-page digest of their original research contributions to PEASA Europe 2026. Templates are available on [eXpress Conference Publishing | IEEE](#).

Accepted contributions can be presented on a poster at PEASA Europe 2026.

Conference to Journal

IEEE PELS is offering a **Conference-to-Journal opportunity** for papers accepted for presentation at PEASA Europe 2026. PELS welcomes post-conference papers to be submitted to their journals, including:

- IEEE Transactions on Power Electronics
- IEEE Open Journal of Power Electronics
- IEEE Journal of Emerging and Selected Topics in Power Electronics
- IEEE Transactions on Transportation Electrification



According to IEEE policy, the submitted journal manuscript should reference the conference paper and clarify the new developments and contributions in the journal version.

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Location

[Scandic Nürnberg Central](#),
Nuremberg, Bavaria (Franconia)
Frauentorgraben 11,
90443 Nuremberg, Germany



TECHNICAL PAPERS are solicited on any subject pertaining to the scope of PEASA Europe 2026, including, but not limited to, the following major topics:

MAIN TOPIC

- Key technologies for aviation hybrid and electric propulsion

TOPICS OF INTEREST

- Power electronics
- Cryogenics and superconductivity
- Hybrid-electric aircraft
- Electric machines
- System integration
- Battery systems
- Fuel Cell systems
- Airport infrastructure development
- Energy management
- Stability assessment of on-board electrical systems
- EMC
- Thermal management for electric and hydrogen electric systems
- Digital twins and model-based certification
- High voltage architectures and safety for MW-class propulsion

Key Author Dates:

- The Digest/Paper submission will be available from January 2026
- Digest submission date by **April 30th, 2026**
- Author notification, Late **May 2026**
- Final Manuscript Submission by **August 8th, 2026**
- Final revised papers due **August 30th, 2026**

Key Dates for Presentation-Only Submissions:

- Submission of a working title and an abstract of up to 250 words by email to iisb.fraunhofer@peasa-europe2026.com by **March 30th, 2026**.
- Presenter notification early May 2026.
- **Full presentations** due **August 30th, 2026**.

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