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ZPEC 2026 – the 2nd International Zhejiang Power Electronics Conference invites researchers, engineers, and industry professionals to share cutting-edge technology advancements in **power electronics**, **energy conversion**, and **their applications**. Organized in partnership with IEEE Power Electronics Society, China Power Supply Society, and leading industry stakeholders, ZPEC 2026 aims to bridge academia and industry, emphasizing practical applications of emerging power electronics technologies. The annual conference comprises an array of presentations, tutorials, panel discussions, exhibitions and social activities. Technical scopes of the conference include, but not limited to:

⚡ SYSTEMS & APPLICATIONS

- Datacenter (Including AI), Telecom Power Architecture
- Renewable Energy Systems: Photovoltaic, Wind, Fuel Cells, etc.
- Critical Power and Energy Storage Systems
- Active Grid Support Technologies
- Transportation Power Electronics
- AI in Power Electronics and Systems

⚡ POWER CONVERTERS

- AC-DC Converters
- DC-DC Converters
- DC-AC Inverters
- Wireless Power Transfer
- Control, Modelling and Simulation for Power Converters

⚡ DEVICES & COMPONENTS

- Wide Bandgap Power Device and Module
- Gate Driver and Integrated Circuit
- Thermal Management and Advanced Cooling Technologies

⚡ OTHER EMERGING TOPICS IN POWER ELECTRONICS

PAPER SUBMISSION ⚡

The working language of ZPEC is English. Prospective authors are requested to submit a **double-column digest**, per the provided template, no longer than four (4) pages (excluding references) summarizing the proposed work. The digest should include an abstract, key equations, figures, tables, and references as appropriate, but no author names or affiliations. Digests must clearly state the objectives of the work, its significance in advancing the state of the art, and the methods and specific results. Accepted papers will be submitted into **IEEE Xplore** subject to meeting **IEEE Xplore's** scope and quality requirements.

SUBMISSION LINK: <https://easychair.org/conferences/?conf=zpec2026>

IMPORTANT DATES ⚡

Deadline for digest submission	-----	April 15, 2026
Notification of paper acceptance	-----	May 15, 2026
Submission of final paper	-----	June 15, 2026

INVITED/SPECIAL SESSIONS ⚡

ZPEC 2026 solicits proposals for organized sessions within the technical scope of the conference. **Invited/Special Sessions (IS)** supplement the regular program of the conference and provide a sample of state-of-the-art research in academia and industry on special, novel, challenging, and emerging topics. The IS Invited/Special must be responsible for selecting the papers and ensuring publication quality.

If you would like to organize a session at ZPEC 2026, please submit a proposal to the Invited/Special Session Chair via email with the subject of "IS Proposal for ZPEC 2026", and provide a list of the potential papers at: **ZPEC@ZJU.EDU.CN**

BRIEFING ON ZPEC 2025 ⚡

ZPEC 2025 was held in Hangzhou from Aug. 22-24, 2025, focusing on scientific and technological innovation in power electronics and its applications. It attracted more than 230 professionals from 40+ universities and 20+ industrial companies worldwide. Distinguished renowned experts in the field of power electronics were invited to deliver plenary speeches on various themes, including Prof. Frede Blaabjerg, Prof. Udaya Madawala, Dr. Alpha J. Zhang, Prof. Paolo Mattavelli, and Assoc. Prof. Juan Rivas. The plenary speeches were broadcast live online, attracting nearly 6,000 viewers.

ZPEC 2025 featured a diverse range of sessions including tutorials, panel sessions, industrial sessions, oral presentations and poster sessions. In all, ZPEC 2025 was well-organized across all sessions with a strong academic atmosphere, facilitating active exchanges and discussions between academia and industry in the power electronics field. More than 100 high-quality papers were accepted and presented. All papers have been successfully indexed in **IEEE Xplore** and **EI Compendex**.



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