

Installment of the 44th INTELEC



The 44th IEEE International Telecommunications Energy Conference (INTELEC 2027) will be held in ACROS Fukuoka, Fukuoka-City, Japan on 18-21 April 2027. The conference is a PELS flagship conference focusing on Telecommunications Energy. INTELEC 2027 continues to retain its tradition of high-quality conference and will open up an opportunity for academics and industrial professionals worldwide to exchange their knowledge of the state-of-the-art power electronics and energy storage in telecommunication and wide area of IT technology. Papers presented in conference will be processed by VDE-Verlag and will be included in IEEE Xplore Digital Library.

The conference will cover a range of themes and tracks, including:

1. Power converters, control, and other technologies for ICT infrastructure
2. Data center power management
3. Energy storage for grid, communication, and transportation systems
4. Semiconductor Technologies in ICT Energy Systems
5. Automotive Applications in ICT Energy Systems
6. Resilient, reliable, and highly available infrastructure for mission-critical applications.

Organizer: IEEE Power Electronics Society

Supporters: IEEE PELS Fukuoka Chapter, IEEE PELS Japan Joint Chapter, IEICE Communication Society

Important Dates

2026.6.1 Submission Open

2026.8.18 Submission Deadline

2026.11.1 Notification

2026.12.18 Deadline of registration

Steering Committee

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Financial Chairs: Masanori Shinohara (Fukuoka University, Japan), and Vishal Gopalakrishnan (Bloom Energy, India)

Publicity:

Web Designer: Koji Hashimoto (Fukuoka University)

Exhibition:

Local Arrangement: Seiya Abe (Kyushu Institute of Technology, Japan), Woon Choi (Fukuoka University, Japan)

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