

Powering Critical Infrastructure for a Clean Energy Transition

The 42nd edition of INTELEC® will take place in Houston, Texas, a city renowned as the Energy Capital of the World and a global leader in powering critical infrastructure for a clean energy transition. Houston's dynamic ecosystem of energy innovation, cutting-edge research, and diverse industries makes it the ideal setting to explore sustainable solutions for powering the future. Home to leading technology companies, world-class universities, and renowned research institutions, the city exemplifies the fusion of resilience and innovation required to support the shift toward cleaner, more reliable energy systems. With its vibrant cultural scene, iconic space exploration heritage, and rich culinary offerings, Houston serves as a powerful backdrop for advancing critical infrastructure and fostering global collaboration in clean energy.



INTELEC IS ACCEPTING PAPER PROPOSAL DIGESTS

Starting in mid December, prospective authors are invited to submit their paper proposals through the conference webpage, <https://2025.ieee-intelec.org>.



A full track list is detailed on the next page.
Submission site details coming soon.



INTELEC IS ACCEPTING PAPER DIGESTS

PROSPECTIVE AUTHORS ARE INVITED TO SUBMIT AND SEE DETAILS ON EACH TRACK THROUGH THE CONFERENCE WEBPAGE: [HTTPS://2025.IEEE-INTELEC.ORG](https://2025.ieee-intelec.org)

PAPER PROPOSALS ARE BEING INVITED IN THE FOLLOWING OR RELATED TECHNICAL TRACK TOPIC AREAS:

- Power electronic converters and control for ICT systems including telecom.
- Data center power conversion.
- Energy storage for power, communication, and transportation systems.
- Power converters in subsea and downhole energy applications.
- Critical power for aerospace and extraterrestrial systems.
- Power infrastructure for other mission-critical applications, such as medical equipment.

EACH PAPER PROPOSAL DIGEST MUST INCLUDE:

- Technical track name, number, paper title.
- An abstract of minimum 400 words along with a paper proposal digest of maximum four pages (single-column, double spaced, including figures and tables). References may continue onto a fifth page if necessary. The onus will be on the authors to make sure that they demonstrate technical merit and conclusive benefits.

KEY DATES: (Actual deadline dates are subject to change, this list is for guidelines only)

- Paper proposal digest submission deadline - 14 February 2025
- Author's notification of acceptance - 30 April 2025
- Final manuscript submission deadline - 15 June 2025
- Author Registration Deadline - 15 June 2025
- Conference 12-15 October 2025

