



20th – 23rd of September 2026



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Call for Papers

intelec® is the premier international forum for the science and application of power systems for communications and ICT. In 2026, the conference will focus on **resilient, efficient and sustainable energy solutions for modern communication networks, data centres and critical infrastructure.**

All submitted papers must be in English. An abstract must reflect the content of the later presentation accurately and must correlate to the listed topics. The abstract has to be received by the Program Committee not later than **February 28, 2026**. The abstract (pdf) should not be shorter than 400 words and not longer than 500 words, max. 2 pages. It must include all information considered necessary by the authors to demonstrate the technical merit of the paper.

The abstract must be submitted to <https://www.confotool.org/intelec2026/>. Papers will not be accepted if they include commercial advertising or product endorsements. All submitted abstracts will be peer reviewed. Accepted papers will be included in IEEE Xplore. Authors are not exempt from registration fees.

All submitted abstracts should include:

- Title of the paper
- Conference topic
- Oral presentation or poster
- Author's name(s) and E-Mail addresses



Key Topics:

- **Power Conversion & Distribution:** Rectifiers, inverters, HVDC distribution, modular power systems.
- **Energy Storage & Batteries:** Battery systems, lifecycle, safety, hybrid storage solutions.
- **Resilient Infrastructure & Safety:** Codes, regulations, cybersecurity, AI support for power system recovery
- **Green Energy, e-Mobility:** PV integration, microgrids, carbon reduction, smart grids, EV charging
- **Data Centers & Cloud:** High-density power, cooling, efficiency, and reliability.
- **5G/6G & Edge Infrastructure:** Power for small cells, edge sites, and distributed architectures.

Visit the **intelec®** 2026 website for getting the latest information related to the conference and will show the conference topics [**www.intelec2026.org**](http://www.intelec2026.org)

For any comments, suggestions or requests contact

Conference Chair: Prof. Dr.-Ing. Norbert Grass, TH Nuernberg

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