

14 ICEEE 2027

2027 14th International Conference on Electrical and Electronics Engineering

Co-sponsored by



Ankara, Türkiye

April 16–18, 2027

Special Session 1

Scalable Distributed and Edge-Cloud Computing for Next-Generation Electrical and Electronics Engineering

Driven by high-concurrency service needs in industrial automation, smart infrastructure, IoT and communications, this special session focuses on distributed and HPC system design, evaluation and optimization for electrical and electronics engineering. Topics span load balancing, edge-cloud orchestration, distributed storage, IoT/5G/6G architectures, AI-enabled resource scaling, and blockchain for decentralized energy systems. We invite empirical studies, architectural proposals, optimization techniques and deployment case studies. This session fosters interdisciplinary exchange toward resilient, scalable computing platforms for next-generation electrical and electronic systems.

SESSION CHAIRS



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TOPICS OF INTEREST



- Load balancing and caching for scalable distributed service platforms
- Performance benchmarking of HPC and distributed systems under high concurrency
- Distributed storage, adaptive scaling, and resource orchestration
- Edge-cloud computing for latency-sensitive electrical and embedded systems
- AI-driven predictive resource and workload management
- Distributed computing architectures for IoT and 5G/6G communication systems
- Blockchain, consensus, and smart-contract architectures for decentralized energy and data systems
- Fault tolerance, resilience, and reliability in clustered computing systems
- Real-world deployments in industrial IoT, smart infrastructure, and large-scale service platforms
- Database and data-processing optimization for distributed engineering applications

SUBMISSION



Submit Online: <https://easychair.org/my/conference?conf=iceee20270>

Paper Templates:

Word: <https://www.iceee.org/instruct8.5x11x2.doc>

LaTeX: <https://www.iceee.org/ieee-latex-conference-template.zip>

IMPORTANT DATES



Submission Deadline:	December 1, 2026
Notification Deadline:	January 1, 2027
Camera-ready & Registration Due:	January 20, 2027

PUBLICATION



Accepted papers published in **IEEE Xplore**, indexed by **EI Compendex & Scopus**, subject to meeting IEEE's scope and quality standards.

Previous proceedings are published in IEEE Xplore and indexed by Ei-Compendex & Scopus: <https://ieeexplore.ieee.org/xpl/conhome/1827404/all-proceedings>