DAPPS '26: The 8th IEEE International Conference on Decentralized Applications and Infrastructures

July 27–30, 2026, Fukuoka, Japan

Sponsored by IEEE in cooperation with IEEE CISOSE 2026

Important Dates

- **Paper/Poster Submissions due:** April 21, 2026
- **Author Notification:** June 1, 2026
- **Final Papers due:** June 15, 2026
- **Conference Dates:** July 27–30, 2026

Overview

The 8th IEEE International Conference on Decentralized Applications and Infrastructures (IEEE DAPPS 2026) aims to bring together researchers and industry professionals working on decentralized applications (dApps), Blockchain and Distributed Ledger Technologies. The event is part of the larger IEEE CISOSE 2026 congress and focuses on the practical and theoretical advancements in decentralized systems.

While Blockchain is well-known for its role in digital payments and cryptocurrencies, its broader potential lies in creating decentralized applications (dApps) that can revolutionize various industries across domains such as supply chains, certificate management, and data sovereignty. dApps provide secure, transparent, and tamper-resistant solutions for peer-to-peer transactions, eliminating the need for a trusted central authority.

IEEE DAPPS 2026 will focus on key topics such as decentralized algorithms, infrastructure, and real-world deployments. The conference will offer a platform to discuss innovations, challenges, and future directions in the development and use of dApps across industries.

The conference organizers are currently undergoing an approval process for a journal special issue on the conference topic, thus creating an opportunity for publishing an extended version of the conference papers.

Topics of Interest

Topics include, but are not limited to:

- Distributed Ledger Technologies (DLTs)
- Smart Contracts Theory and Programming
- Languages and Tools for (Secure) dApps
- Web3 Security and Privacy
- AI and Machine Learning for dApps
- Infrastructures for dApps
- Communication Protocols and Standards for dApps
- Software Engineering for dApps and Smart Contracts Verification
- Privacy and Security of dApps
- Decentralized Identity and Identity Management for dApps
- Token Economy
- Off-Chain/Layer 2 dApps
- Decentralized Finance (DeFi)
- Non-fungible Tokens (NFTs)
- Applied Cryptography for dApps Applications
- Analytics for On-chain and Off-chain Data
- Governance Structure and Mechanisms
- Policy/Laws Surrounding dApps and Cryptocurrencies
- Interoperability for dApps, Blockchains, and DLTs
- Scalability, Optimization, and Performance of Blockchain Systems
- DePIN (Decentralized Physical Infrastructure)
- RWA (Real World Assets)
- dApps Sustainability
- dApps for Digital Sovereignty
- Cross-chain and Off-chain Technology
- Forensics for dApps
- Applications in Emerging Domains
- Other Emerging Research Topics

Submission Guidelines

IEEE DAPPS 2026 solicits research papers describing novel and previously unpublished scientific contributions to the field of Web3 and decentralized computing and infrastructures. All papers must be original and not simultaneously submitted to another journal or conference.

Types of Contributions

Regular/Full papers (10 pages): Should describe novel and previously unpublished scientific contributions. Limit: 10 pages including tables, figures, and references.
Short papers (6 pages): Aim at presenting novel work in progress, applications, and industry perspectives. PhD students are encouraged to submit ongoing work. Limit: 6 pages.
Posters (2 pages): A 2-page extended abstract covering the problem, methodology, and results attained. Accepted posters must be presented at the conference.

Manuscript Preparation

- **Format:** All papers must be written in English and prepared in the **IEEE double-column proceedings format**.

- **Content:** Manuscripts must include a title, an abstract, and 4–6 keywords.
- **Demos:** Authors of accepted papers/posters may choose to present a demo (non-peer-reviewed).

Double-Blind Review Process

IEEE DAPPS 2026 uses a **Double-Blind** review process.

- Authors must remove names, affiliations, and identifying information (including metadata and acknowledgments).
- Cite previous work in a neutral manner (e.g., use "as shown in [3]" instead of "in our previous work [3]").
- Papers failing to meet anonymization requirements may be **desk-rejected**.

Submission Details

Authors must report any conflict of interest with Program Committee members. Submit manuscripts via the following link by **April 21st, 2026, 23:59 AoE**:
`https://cisose.fit.ac.jp/dapps/`

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