Special Issue

Applied Cryptography and Practical Cryptoanalysis for Web 3.0

Message from the Guest Editors

This Special Issue seeks to contribute to the agenda of cryptography-based solutions and cryptographic analysis techniques through enriching the theoretical knowledge and practical solutions that improve performance and deployment by bringing into focus various cryptographic technologies suitable for Web 3.0. We therefore invite papers on innovative technical developments, reviews, and analytical studies as well as assessment papers from different disciplines that are relevant to applied cryptography and cryptoanalysis for Web 3.0. Topics of interest for this publication include but are not limited to:

Security and privacy issues in Web3.0;
Access control suitable for Web3.0;
Distributed computing in Web3.0;
Edge computing in Web3.0;
AI-driven Web3.0;
Cryptocurrency;
Cryptoanalysis on Web3.0 components;
Side-channel attack;
Federated learning through Web3.0.

Original research articles and reviews are welcome submissions to this Special Issue.

Guest Editors

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Deadline for manuscript submissions

closed (15 June 2025)

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Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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