Special Issue on Cryptography and Its Applications

Call for Papers

Cryptography is a specialized field of study focused on securing communication and data through the use of codes and ciphers. It involves creating algorithms, ciphers, and security systems to encrypt and decrypt information, ensuring that data can be transmitted and stored securely. Cryptography is fundamental in protecting sensitive information against unauthorized access and plays a crucial role in various applications such as internet security, digital currencies (like cryptocurrencies), secure communications, and cybersecurity. The field combines elements of mathematics, computer science, and electrical engineering, continually evolving to counteract emerging security threats and adapt to advancing technology.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on **Cryptography and Its Applications**. Potential topics include, but are not limited to:

- Symmetric key cryptography
- Public key cryptography
- Cryptanalysis
- Quantum cryptography
- Cryptographic protocols
- Secure hash functions
- Digital signatures
- Access control and authentication
- Homomorphic encryption
- Blockchain and cryptocurrencies
- Cryptographic hardware and embedded systems
- Network security
- Confidentiality, integrity and availability
- Applications of artificial intelligence

Authors should read over the journal's For Authors carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's Paper Submission System.

Please kindly notice that the "**Special Issue**" under your manuscript title is supposed to be specified and the research field "**Special Issue –** *Cryptography and Its Applications*" should be chosen during your submission.

According to the following timetable:

Submission Deadline	August 29th, 2024
Publication Date	October 2024

For publishing inquiries, please feel free to contact the Editorial Assistant at
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