

## Special Issue

# Mathematical Cryptography and Its Application on Authentication and Verification

### Message from the Guest Editors

The proliferation of edge computing with artificial intelligence (AI) applications has become a driving force in the emergence of a new generation of Social Internet of Things (SIoT) communication. In addition, the advent of 6G wireless technology is expected to be transformative, revolutionizing the evolution of wireless communication from connected things to connected intelligence. Further, the robust integration of edge, AI, IoT, and Beyond 5G (B5G) or 6G is anticipated to catalyze significant economic growth across industries. Authentication is critical in contemporary technology, especially when protecting sensitive information in an era where data breaches are becoming more regular. Robust authentication is essential for effective identity and access management and a foundational pillar of zero-trust security. However, the limitations of legacy authentication, which relies on legacy protocols such as Kerberos and RADIUS to protect the traditional network perimeter, render it inadequate to support authentication to cloud and web-based services and apps that depend on modern protocols.

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### Deadline for manuscript submissions

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## Mathematics

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### Editor-in-Chief

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