

Special Issue

Digital Signature and Cryptography: Latest Advances and Prospects

Message from the Guest Editor

Today, digital signatures, as a major and successful application of cryptography, play an essential role in business processes representing the intention of signers. We now see a number of enterprise applications and products that leverage digital signatures in a workflow. Multi-signatures, group signatures, and BBS+ signatures are now within the scope of deployment to handle complicated workflows and business scenarios. Furthermore, in terms of integrity, digital signature technology is fundamental in guaranteeing the integrity of blockchains. Verifiable credentials essentially use digital signatures to claim their integrity. Digital signatures are now studied to extend to apply to new application fields and new cryptography, including lattice cryptography. In this Special Issue, reflecting this growing significance of digital signatures in theory and application scenarios, papers discussing latest advances and prospects of digital signatures in theory and applications are called for.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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