



The Cryptography of Cryptocurrency

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Message from the Guest Editors

The revolutionary impact given by the introduction of cryptocurrencies has just started to enroll. From the original idea of the "world coin backed only by trust in mathematics" (Bitcoin), in itself a disruptive notion, several other unexpected and exciting applications of cryptography have emerged, e.g. privacy-preserving transactions (Monero), smart contracts (Ethereum), digital notary (Factom), as well as the pervasive Blockchain technology.

The aim of this Special Issue is twofold. On one hand, we would like to study the cryptographic functions and protocols used in nowadays cryptocurrencies, with a critical eye on their feasibility/security. On the other, we welcome new applications of cryptography to the wide world of cryptocurrencies. Both research papers and survey papers are invited.





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Message from the Editor-in-Chief

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