



Recent Advances in Security, Privacy, and Applied Cryptography

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Message from the Guest Editors

Dear Colleagues,

In the last decade, the mathematics behind security and privacy has seen great advances both in theories and in applications, e.g., new formal models to support blockchains, new flavours of zero-knowledge to fuel cryptocurrencies, and a boost in privacy research of various kinds driven by contact-tracing applications. In this Special Issue, we are particularly looking for your submissions on the mathematical foundations of these timely matters of security and privacy, which have sparked our interest via the recent technological and ICT trends. However, we do not wish to restrict the Special Issue to these particular use cases, but rather encourage submissions, specifically on foundational aspects, on all that may constitute recent matters of security and privacy.





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Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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