Special Issue

Advances in Functional Encryption

Message from the Guest Editor

In recent years, motivated by the growth of cloud computing researchers started to look at technologies that enable fine-grained control over encrypted data. In this direction, one of the most popular solutions is Functional Encryption (FE). It represents a generalization of (public-key) encryption that allows to compute functions or search over encrypted data. The development of functional encryption technologies will hopefully help in the future to reduce the gap between privacy and functionality in many digital services and products used daily by people. The purpose of this Special Issue is to present the latest developments in functional encryption and related primitives and technologies. Both theoretical and applied works are welcome. Researchers in the field are invited to contribute with novel and unpublished works. Topics of interest include but are not limited to:

- Functional encryption;
- Attribute-based encryption;
- Identity-based encryption;
- Software obfuscation;
- Searchable encryption;
- Encryption and digital signatures with special properties;
- Secure cloud computing

Guest Editor

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Deadline for manuscript submissions

closed (28 February 2022)

About the Journal

Message from the Editor-in-Chief

The concept of *Information* is to disseminate scientific results achieved via experiments and theoretical results in depth. It is very important to enable researchers and practitioners to learn new technology and findings that enable development in the applied field.

Information is an online open access journal of information science and technology, data, knowledge and communication. It publishes reviews, regular research papers and short communications. We invite high quality work, and our review and publication processing is very efficient.

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