



Information Theory, Cryptography, Randomness and Statistical Modeling

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Message from the Guest Editor

Information theory, cryptography, and randomness have mutually enriched each other for decades. Among numerous examples, there is Kolmogorov's algorithmic information theory, which emerged at the intersection of information theory and randomness, as well as an important one-time pad encryption, which is closely related to all three concepts. This Special Issue, entitled "Information Theory, Cryptography, and Randomness", aims to develop and discuss theoretical and applied issues related to these areas.

Topics of interest include but are not limited to:

- Random and pseudo-random generators;
- Statistical tests for randomness;
- Information-theoretical cryptography;
- Cryptographical tools with proven properties;
- Algorithmic randomness and cryptography.





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Message from the Editor-in-Chief

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