Editorial

We are pleased to publish the third issue of the sixteenth volume of the **Journal of Information Security Research**, featuring the following papers.

In the opening paper, "**A Study of Cloud Computing Performance and Security using Full Harmonic Encryption Method**," the authors identified a security-based, straightforward approach to evaluating system performance. They highlighted the provision of high performance to cloud clients and high-level security to cloud users by using fully harmonic encryption techniques. This process enables users to utilise services according to a pay-as-you-go model.

In the next paper, "**Algorithms and Methods for Detection of Phishing Website: A Review,"** the authors employed algorithms such as XGBoost, Gradient Boosting, AdaBoost, SVM, and Random Forest, trained on datasets to discern patterns distinguishing phishing from legitimate sites. The experimental results demonstrated that these techniques exhibit high accuracy, surpassing that of rule-based methods.

In the previous paper, "**Only 3-way Handshake Pake Based on Reversible Cellular Automata**," the authors propose a three-way handshake password-authenticated key exchange using only the mechanism of two-dimensional reversible cellular automata. The proposed scheme ensured the three authentication requirements —namely, mutuality, authenticity, and key exchange — using only elementary and parallelizable operations, without requiring any additional cryptographic functions.

We hope this research provides valuable input for future studies.

Editors