Editorial

With this issue we complete the fifth volume of the **Information Security Education Journal**. This issue is characterized by the following research.

In the first paper on **"Systems Theory and Information Security: Foundations for a New Educational Approach"** the authors *Joseph R. Laracy* and *Thomas Marlowe* have advocated a new approach to Information Security Education which can view the Internet as a complex, socio-technical system. They proposed a new method for information security education to identify and characterize current deficiencies in a network security control structure. The proposed structure can elucidate the relationship between software or systems engineering and security risks, and inform an architectural description of a secure information system architecture, the author claimed. This approach is unique and hope to direct the future information security education.

In the next paper on **"Intrusion Detection Prevention Systems and Performance Analysis via Internet Protocol Television (IPTV) using Snort Rule"** *Narit Hnoohom* and *Mahasak Ketcham* to prohibit network intrusion as well as test its performance in internal attacks have used the use of the Intrusion Prevention Systems (IPS) technique. The Internet Protocol Television helps the prevention of prevention of Denial of Service (DoS) attacks where the Snort was applied. In the experimentation a large number of attack packets were identified where the IPS can be applied effectively to reduce, delay and prevent network intrusions.

In the last paper on **"Comparative Analysis of Applications of Identity-Based Cryptosystem in IoT",** the authors *Ramesh* and *Venugopal Rao* have studied the detailed feasibility study of applicability of Identity-Based Cryptography in IoT (Internet of Things). The Identity-Based Cryptography makes use of user identity attributes, such as email addresses or phone numbers, instead of digital certificates, for encryption and signature verification is promising in Internet of Things (IoT) due to its benefits.

The papers published in this issue mark technical elegance and merit.

Editors