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- The Fourth International Conference on the Networked Digital Technologies (NDT 2012)
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Editorial

In the third year of the publication of the **Journal of Information Security Research** we decide to bring the scope of the journal more scalable with newer applications. We publish papers focusing Adhoc Networks, Group Signature Scheme, Privacy Awareness system and Intrusion Detection. The papers address newer issues as well as enhancement research in the existing problem areas.

Dina Sadat Jalali and *Alireza Shahrbanooonezhad*' model is based on Finite State Machine for Detecting Misbehaving Nodes in Ad hoc Networks. The Finite State Machine they have used focuses at recognizing the malicious nodes within the network in a fast and accurate way. They have supported their method with good amount of empirical data.

Sujata Mohanty and *Banshidhar Majhi* have presented a novel group signature scheme based on the discrete logarithm problem. While presenting the significance of the proposed logarithm, they have visualized the applications in the processes such as such as, e-cash, e- auction, and press releases and secure electronic transactions.

Open systems with large participation attract security threats and for newer open applications, researchers build protection systems. The paper "*A Privacy Awareness System for Facebook Users*" authored by *Ala Eddine Gandouz*, *Charles Hélou* and *Esma Aïmeur* has introduced a privacy protection system for Facebook users. We hope that the model generated by them may serve as a good initiation for building security systems for open environments.

The paper on Hybrid Approach based Mobile Agent for Intrusion Detection System: HAMA-IDS by *Boukhlouf Djemaa* and *Kazar Okba* is targeted for enhancing security in Information Systems.

We invite the readers to use the publications in this issue for future generation research.

Editors