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## Editorial

This issue has some interesting and significant papers. The enhancements and performance in Grid Computing depends on building efficient trust and reputation. Realizing this value, *Vivekananth* in the first paper on “**Building reliability model in Grid Computng**” proposes a model which improves reliability in grid by considering reputation. He has validated his model with good amount of experimental data.

In the next paper on “**A Novel Proxy Blind Signature Scheme for Mobile Devices**”, *Daniyal M. Alghazzawi, Trigui Mohamed Salim and Syed Hamid Hasan* describe an efficient simple proxy blind signature scheme. The security of the scheme is based on Elliptic Curve Discrete Logarithm Problem(ECDLP). They claim that this system can be implemented in low power and small processor mobile devices such as smart card, PDA etc.

Artificial Immune Systems now prove to have many solutions in Intrusion detection. *Bennaoui Ameer, Hachemani Rabeh and Kouninef Belkacem* in their paper on “**Immune-Inspired Algorithm for Network Intrusion Detection**” first described the theories regarding how the immune system responds to pathogenic material. Further, they explored the relevance of those to the application domain of security and evaluated on the Kdd’99 data.

Watermarking techniques have been discussed widely in literature and more studies have addressed the issue from different perspectives. *Jaishree Rai, Suneeta Agarwal and Vijendra Rai* in their paper on “**Scalar Quantization Based Robust Multiple Image Watermarking**” had introduced a DCT based entropy. Their DCT based entropy Threshold method which determines threshold for each block and only those blocks are selected for whose entropy exceeds by a predetermined threshold for embedding the data. The experimental results show that the proposed scheme has good imperceptibility.

Wireless ad hoc networks are characterised with an underlying infrastructure where the network topology constantly changes. “The robust method for data hiding is embedding the hidden data in the choice of quantizer for the host data” claims the authors *Banshilal Patidar and Pinaki A.Ghosh* in their paper on **Intrusion Detection in Wireless Ad Hoc Network**. They presented a method for determining critical path using use the distributed security scheme to find out the malicious node. Their experimentation is based on simulation of critical path data through which they document the results.

From the next volume, we plan to publish more volume of security research.

## Editors