Contents

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

  • The Fifth International Conference on the Applications of Digital Information and Web Technologies
   (ICADIWT 2012)

  • Seventh International Conference on Digital Information Management (ICDIM 2012)

Editorial

We plan to expand the horizons and boundary of the **Journal of Information Security Research** by publishing a few papers that fall under the themes related to the core scope. One such paper is authored by *Hedwio Carvalho e Silva, Rita de Cassia C. de Castro, Marcos Jose Negreiros Gomes* and *Anilton Salles Garcia* on Ontology in Corporate Environments. *Laura Savu* has published an innovative paper with the concept, "Signcryption". The Schnorr digital signature algorithm generated by the author has proven to transmit a message over an insecure channel providing both authenticity and confidentiality.

An extended work on "Steganography in LSB and MSB" by *Salam R. Mahdi , Yahia Najar* and *Mahmood Shaar* makes clear the integrity of the cover when hidden in least Significant Bit (LSB) and Most Significant Bit (MSB). The cryptanalysis of classical encryption is enhanced by a PSO algorithm by *Mekhaznia* in his paper on Natural Heuristics for Cryptanalysis.

In the last paper, the interference issues in wireless medium are discussed by *Asma Ben Hassouna, Hend Koubaa* and *Farouk Kamoun.* Their system model on multicast data studied the interference conflicts and also consequently on end-to-end multicast throughput in wireless ad-hoc network.

Editors