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- The Fifth International Conference on the Applications of Digital Information and Web Technologies (ICADIWT 2013)
- The Eighth International Conference on Digital Information Management (ICDIM 2013)
- The Second Symposium on Nature Inspired Computing and Applications (NICA) @ AISB 2013

Editorial

In security issues, user access passwords are very crucial and sensitive as it has direct bearing on many issues such as financial, personal, social, defence etc. Despite a large number of measures and efforts, still password protection is challenging as we do not able to bring a hundred percent security. *Muhammad Adeka, Simon Shepherd and Raed Abd-Alhameed* in their paper on “Password Security Awareness in African Countries within the Context of Password Security Purgatory” have examined the level of password security awareness in Africa, vis a vis the current divergence among security engineers as regards the rules governing best practices in the use of passwords

In the second paper on “New Key Agreement Protocols Providing Explicit Authentication”, the authors *Mohamed Nabil, Yasmine Abouelseoud, Galal Elkobrosy and Amr Abdelrazek* have addressed the problem of the problem of establishing a shared session key in an authenticated way. Their comparison with other similar studies revealed the superiority of the proposed protocols from the security viewpoint at the cost of an acceptable increase in the computational burden.

Mohammed Alhomidi and Martin Reed claim through their paper that the risk analysis is one area of information security research that aims to help organizations in making quick decisions and preventing attackers from compromising their networks. In their paper on “Security Countermeasures Selection Using Attack Graphs”, have used the ‘attack graphs’ to minimize the cost of deploying countermeasures.

Abdessalem TRIMECHE, Asma BOUHLEL, Anis SAKLY and Abdellatif MTIBAA in their paper on “The Particle Swarm Optimization (PSO) for Symbol Detection in MIMO-OFDM System” proposed some solutions to improve the performance of terminals mobile transmissions at high speeds, low cost and low power consumption. Further, they proposed a detection algorithm with near-optimal performance to enhance the MIMO OFDM systems.

Said, Souissi and Hamam in their last paper on “A New Representation of image Through Numbering Pixel Combinations” proposed a new way to represent Image consists in numbering all possible pixel combinations. This method they claim to has several intrinsic advantages such as compression and encryption.

Hope the published papers are interesting and provide insights to the issues addressed.

Editor