

Contents

Editorial i

Research

Privacy Systems in Smart Spaces-
Jamil Al-Jabi, Jamal Abu Rrub, Khalil El-Khatib 1

Distributed Test Architecture for Load Balancing System-
Mariam Lahami, Moez Krichen, Rochdi Abid, Mohamed Jmaiel 10

Mechanism for the Deployment in Switched Ethernet Networks-
Hela Mliki, Lamia Chaari Fourati, Lotfi Kamoun 20

Analysis of Security Weaknesses in IEEE 802.16-
Noudjoud Kahya-Abbaci, Nacira Ghoualmi 31

Book Review 41

Conference Notification 42

- The Fifth International Conference on the Applications of Digital Information and Web Technologies (ICADIWT 2012)
- Seventh International Conference on Digital Information Management (ICDIM 2012)
- The Second International Conference on Innovative Computing Technology (INTECH 2012)

Editorial

Telecommunication in the last few years has made significant impact in the life of people and it continues to offer greater functionality in applications. This leads to drive the faster digital computation and larger data storage. With digital systems, the formation and test methodologies have been set to be progressive as well as standardized. The newer experimentation and introduction of innovative technology depends how best we do test the current performance. This new paradigm has come to be known as Design-For-Testability (DFT). In parallel with the above developments, markets evolved which required the integration of both analog and digital electronics.

Today, telecommunication devices and applications are several of the major drivers of this technology. It has been accepted that the combination of analog and digital electronics in denser, smaller packaging is creating a very difficult situation in which to access, test and verify the analog behavior. It is merely an example of a challenge the telecommunication field faces. Similarly we encounter with many challenges and issues in signalling and telecommunication. This new journal **Signal and Telecommunication Journal** will address the major challenges and issues in terms of research papers.

The first issue has many good papers on the areas such as FRFID, VOIP systems, Ether net and WiMAX. We are now pleased to release this first issue and hope to push many contributions in the further issues.

Editors