
Journal of Information Technology Review Volume 3 Number 3 August 2012

Contents

Editorial	i
Research	
Pattern Recognition of Woven Fabric Using Texture Analysis Approach-Yassine Ben Salem, Salem Nasri	111
Design of AXI Bus for 32-Bit Processor Using Bluespec-T. Ananth kumar, Saraswathi Janaki	121
A Survey on Agent Based Rumor Dissemination for Data Access in WSNs-Leila Kheroua, Samira Moussaoui	130
Achieving Secure, Scalable and Fine Grained Data Access Control in Cloud Computing-Yallamanda Challa	141
Smart Communities and Mobile WSN: a New Approach to a Preventive Healthcare System-A. Guerriero, C. Guaragnella, C. Martines, A. Castellaneta	146
Book Review	156
Conference Notification	157
• The Second International Conference on Innovative Computing Technology (INTECH 2012)	
• The First International Conference on Future Generation Communication Technologies (FGCT 2012)	

Editorial

Pattern recognition is gaining increased applications in the last few years. We have enhanced methods and algorithms for feature extractions. In a paper on “*Pattern recognition of Woven Fabric Using Texture Analysis Approach*”, the authors Yassine Ben Salem and Salem Nasri have developed an effective algorithm which they have used for generating SVM to analyse the textures.

In the next paper on “*Design of AXI Bus for 32-Bit Processor Using Bluespec*”, the authors Ananth kumar and Saraswathi Janaki have developed AXI protocol. The BlueSpec System Verilog is being used for describing the hardware they have used. They came up with interesting results.

In a paper on “A Survey on Agent Based Rumor Dissemination for Data Access in WSNs”, the authors Leila Kheroua, Samira Moussaoui have described and compared the most recent rumor agent based dissemination protocols proposed in the literature for WSNs.

In the next paper on “*Achieving Secure, Scalable and Fine Grained Data Access Control in Cloud Computing*” the author Yallamanda Challa have discussed the data access control issue in the un-trusted cloud servers, He proposed a scheme which enables the data owner to delegate tasks of data file re-encryption and user secret key update to cloud servers without disclosing data contents or user access privilege information.

In the last paper on “*Smart Communities and Mobile WSN: a New Approach to a Preventive Healthcare System*”, the authors Guerriero, Guaragnella, Martines and Castellaneta have demonstrated the role of Smart Communities and Mobile Wireless Sensor Networks (MWSN) in healthcare system. They have also developed the system architecture and the visual interface prototype for a Collaborative Health Navigation System.

The papers published in this issue represent varied innovative themes on information technology.

Editors