## Journal of Data Processing Volume 4 Number 1 March 2014

Contents		
Editorial		i
Research		
-	inked Data Integration System- ig Niu, Chongyang Shi	1
A Multi-agent fram F. Alshahrany, H.Z	ework for WSN Configuration using Hybrid Intelligent Decision Support System- edan, I. Moualek	10
	Accident Warning System using Wireless Sensor Network- , M. Amer. Shedid, Samah A. Senbel	29
Book Review		34
Conference Notif	ication	35
•1	Ninth International Conference on Digital Information Management (ICDIM 2014)	
• [	Fourth International Conference on Innovative Computing Technology	
	First International Conference on Future Generation Information and Communication echnology (FGICT 2014)	

## **Editorial**

We are happy to release the first issue of the **Journal of Data Processing** in 2014. This issue has the following research.

In the first paper on "An Agent-Based Linked Data Integration System", the authors *Xuejin Li, Zhendong Niu* and *Chongyang Shi* have developed an agent-based architecture for Linked Data Management System which provides a flexible and decoupled solution for the federated queries. The proposed Linked Data Management System would not load remote data into a local data store and work in a virtual way. The authors also claim that the proposed linked architecture is more scalable

In order to design a hybrid intelligent decision support systems, the authors *Alshahrany, Zedan* and *Moualek* in the paper on "A Multi-agent framework for WSN Configuration using Hybrid Intelligent Decision Support System" have proposed a conceptual multi-agent framework. To achieve this proposition they have used wireless sensor networks by a prototype. The developed framework is experimented and they come up with the case study which is presented to illustrate the implementation of the solution in emergency preparedness for fire detection.

In the last paper on "Real Time Traffic Accident Warning System using Wireless Sensor Network", the authors Hossam Sherif, M.Amer Shedid and Samah A. Senbel have developed a Real Time Traffic Accident Warning System (RTTAWS) using Wireless Sensor Network (WSN) and Radio-Frequency Identification (RFID) Technologies. They have detailed the hardware prototype setup for RTTAWS, the algorithms used, the advantages and the limitations of the entire system. In the paper, they have presented the description including the software application and technologies deployed.

Hope these three papers contribute to the good research.

## **Editors**