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## Editorial

To build a foundation for sound data/information system and reduce the hassle –free electronic data management, it is important to build an information management system concurrent with the development of technologies. There is a need to initiate a few key steps to design an information management implementation plan. These key plans include establishing information management design and implementation, survey of technologies, identify and prioritize data needs, integrate/relate existing databases and develop new databases, evaluate hardware and software configurations, evaluate organizational , staffing, and support issues And develop short- and long-range implementation plans. The **Journal of Information & System Management (JISM)** is planned to address the above issues.

The inaugural issue contains the following papers that address varied information management and system management issues. In the first paper on **“Fuzzy C clustering for computation of Cluster Density Distribution in a Mammogram for Breast Cancer Diagnosis**, the authors *Tripty Singh and M.Nagraja* outlined the increasing number and variety of applications of fuzzy logic. Their built algorithm is simple and based on a fuzzy technique and at the end of the paper they have shown the results which proved that the genetic algorithm was able to produce accurate results in the classification of breast cancer data and the classification rule identified was more acceptable and comprehensible.

*Tamara Almarabeh* in his paper on **“Implications of Knowledge Management in Real System Governance – The study of E-governance in Jordan”** has codified the emergence of knowledge management and outlined the developments that included all the information and communication technologies in the last decade, the emergence of knowledge worker, and the knowledge economy.

*Daniel Lins da Silva, Pedro Luiz Pizzigatti Corrêa and Leandro Halle Najm* in their paper on **“Requirements Analysis for a Traceability System for Management Wood Supply Chain on Amazon Forest”** analyze a few computational problems existing in managing and monitoring the wood production process in Amazon Forest and identifies new requirements to create a traceability system more efficient and appropriate to the region’s characteristics.

*Ali Sajedi Badashian, Seyyed Hamidreza Afzali, Morteza Ashurzad Delcheg, Mehregan Mahdavi and Mahdi Alipour* in their paper on **“Conceptual File Management: Revising the Structure of Classification based Information Retrieval hierarchical systems such as file systems”** proposed a Conceptual File Management (CFM) method that allows a file to be accessed from multiple folders. They also claim that the CFM reduces the ambiguity and redundancy, therefore the quality of information retrieval is improved. Their experiments show that it improves the quality of the system in terms of maintaining the structure and retrieving the desired items easier and faster based on users’ viewpoints. With regards to the applications of the CFM, they shown that it has potential in file systems on cell phones (and message storage systems), site maps in Web sites, Content Management Systems, taxonomies, and in general, classification based structures.

TCP protocol suffers from a significant drop of performance when communicating over wireless networks. *Mouhcine Guennoun* in his paper on **“Boosting TCP with Cross-Layer Information Awareness in Wireless Networks”** studied the impact of providing TCP with explicit information extracted from the physical, link and network layers to make it possible to identify the cause of the packet loss.

We will publish many interesting research in the coming issues.

## Editors