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- First International Conference on Real Time Intelligent Systems (RTIS 2016)
Taiyuan, China
- The Seventh International Conference on the Applications of Digital Information and Web
Technologies (ICADIWT 2016)

Editorial

We present this issue with the following research.

Essam Natsheh in his paper on “**Impact Of Varying Offered Data Load On Density-based Routing in Mobile Ad-hoc Networks**” presented a new algorithm called Density-based probabilistic routing algorithm (AODV-Probabilistic) for efficient data transmission in mobile ad-hoc networks. They tested the algorithm in three environments, viz., a high density, a variable density and a sparse density. They found that the new algorithm lead to 22 percent higher percentage of average data throughput for different offered data loads and speeds than AODV and 30 percent higher than OLSR at the three environments.

Dalila Labbassen and *Samira Moussaoui* in their paper on “**Mobile Agent and Client/Server Data Dissemination in Wireless Sensor Networks**” have reviewed the data dissemination in wireless sensor networks. In their work they have identified the Client/Server based data dissemination protocols, and the Mobile Agents protocols.

In the third paper on “**Performance Evaluation of MANET Using Quality of Service Metrics**” the authors *Jinshong Hwang*, *Ashwani Kush* and *Ruchika Tyagi* analysed the performance of AODV and DSR routing protocols for the quality assurance metrics. They have analyzed the performance differentials of AODV and DSR protocols using NS-2 simulator and compared in terms of quality assurance metrics applied.

The papers contribute to the networking research.

Editors