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• Fourth International Conference on Future Generation Communication Technologies
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Editorial

We publish the second issue in this volume with the following research.

Wireless Sensor Networks enable the activities such as tracking and positioning. However they suffer from either requiring an extra sensor, high power consumption, inaccessible indoors, or offer high positioning error, the author *Tareq Alhmiedat* claims in his paper on "**An Adaptive Indoor Positioning Algorithm for ZigBee WSN**". The author has presented a research work and development of an adaptive positioning system for ZigBee WSN based on the Received Signal Strength (RSS) system. Further the author has validated through a number of real experiments using XBee modules.

Joohan Lee, Juho Lee and *Sungkwon Park* on their paper "**Cross-Layer Optimized Architecture of MBS over mobile WiMAX**" proposed a Cross-Layer Optimization and System Architecture of Multicast Broadcast Service (MBS) over mobile WiMAX. The proposed method reduces the channel change response time efficiently as viewers watch mobile IPTV channels without IGMP join process when those are shared. Simulation results show that the channel change response time is significantly decreased compared to the existing MBS architecture.

Liang Liang in the paper on "**A New Qos Aware Relay Node Selection Model For Wireless Mesh Networks**" presented a cross layer relay node selection scheme for routing protocols in order to offer optimal routes to real-time applications. The author has made a remark that the experiments confirm the superiority of the proposed scheme against a number of existing counterparts.

Madhumathy and Sivakumar, in the last paper on "**Study and Implementation of Routing Protocol for Data Gathering in WSN" have** proposed a reliable and an energy efficient Wireless Sensor Network (WSN) routing protocol. The simulation results for the proposed routing protocol proved that there is significant improvement in preventing data collision and increase in the network lifetime compared with other routing protocol.

Hope the four papers are marked by merit and scholarly contribution to the networking.

Editors