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- First International Conference on Real Time Intelligent Systems
(RTIS 2016)

- The Seventh International Conference on the Applications of Digital Information and Web
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Editorial

We present the following research in this issue.

In the opening paper depth camera-based novel approach for human activity recognition is addressed by *Ahmad Jalal, Shaharyar Kamal and Dajin Kim* in their paper on “**Depth Silhouettes Context**”. They have used robust depth silhouettes context features and advanced Hidden Markov Models for processing and using experimental results they found significant improvement.

In the next paper on “**Superpixels Generating from the Pixel-based K-Means Clustering**” the authors *Shang-Chia Wei and Tso-Jung Yen* propose a pixel-based k-means (PKM) clustering to generate superpixels for image recognition. The authors have found that the PKM method traces several nearer clustering centers for a pixel in advance.

In the last paper on “**An Improved Image Super Resolution and Its Parallel ImplementationBased on CUDA**” the authors *Chenyan Feng, Xiaoyun Zhang and Zhiyong Gao* proposed an accelerated parallel implementation based on NVIDIA CUDA architecture. The experimentation they did have provided that the proposed method achieves an impressive speedup rate and produces improved visual quality images in comparison with other state-of-the-art SR.

The papers in this issue are technically elegant and we do hope that they will induce good research in the domains studied.

Editors