Editorial

We bring the first issue of the ninth volume of the **Journal of Multimedia Processing and Technologies.** This issue has three research papers.

The NVIDIA has introduced the new Tegra K1 processor which has the features of high-performance, and power-efficiency. Tegra K1 SOC contains a CPU, a GPU and an ISP in a single chip. Using Tegra the paper on "**Implementation of an Evolutionary Facial Recognition Algorithm on JETSON TK 1**" by the authors *Mohamed Salah Salhi, Atef Alaaeddine Sarraj, Hamid Amiri* introduced the implementation of face recognition algorithms on Jetson TK1. This process help to add the optimizations the authors have developed on implementation strategy and on recognition face algorithms conducted to reach good results in real time systems.

Mayur Rahul, Rashi Agrawal and Narendra Kohli in their paper on "**Layered Recognition Scheme for Robust Human Facial Expression Recognition using modified Hidden Markov Model**" have used the HMM to understand the effective facial expressions. The two layered extension of HMM consists of bottom layer which represents the atomic expression made by eyes, nose and lips and the upper layer represents the combination of these atomic expressions such as smile, fear. The experimental results proved that the proposed System performs better than normal HMM and has the overall accuracy of 85% using JAFFE database.

In the last paper on "**A Mutual Projection based Proportional Features Selection for Face Identification**" the authors *Singaravelan* and *Murugan* a robust automatic method is introduced for determining facial angles from profile view images using radon transform. Authors have conducted several experiments which proved that the proposed combined algorithm has not only good precision, but also efficient performance and robust with noisy, scale and rotated image environments.

The papers have addressed the unique features in the image processing and analysis.

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