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Editorial

The first paper on **"A Fuzzy Multi agent Architecture for Sensor based Automated Scene Surveillance"** provides a multi agent architecture for sensor based automated scene surveillance using Microsoft Kinecet camera. This system enables to remove environment uncertainties through fuzzy expert system which is responsible of person recognition.

High bandwidth wireless networks are increasingly used in smartphones for which multipoint control unit for video mixing and transcoding are used. The authors *Pedro Rodríguez, Alvaro Alonso, Joaquín Salvachúa, Enrique Barra and Javier Cerviño* in their paper on **"Cross-device Videoconferencing based on Adaptive Multimedia Streams"** have presented a multiple participant videoconferencing service that adapts to different kind of devices and access networks while providing an stable communication.

In the last paper on **"Performance Evaluation of Image Retrieval System using Non-parametric Techniques"**, the authors *Tranos Zuva*, *Seleman Ngwira*, *Sunday O. Ojo* and *Keneilwe Zuva* studied the performance of content based image retrieval system using image representation nonparametric algorithms. They have measured the performance of the non-parametric techniques using recall-precision curve and the Bull's Eye performance score. The experimental results showed that estimating techniques performed better than the absolute value technique.

The papers published in this issue represent the core research in multimedia processing.

Editors