Foreword

We are delighted to present you the 4th issue of the *International Journal of Multimedia and Ubiquitous Engineering* (IJMUE). This issue contains 6 technical papers dealing with cutting-edge research and technology related to the Multimedia and Ubiquitous Engineering. This contains some papers selected from International Conference on Hybrid Information Technology (ICHIT 2006).

In the paper "The audio control using TDM (Tree-structural Distributed-terminal Mixing) in the Web-cast," Y. M. Kim proposes the central mixing method for reduction of global network usage and terminal's CPU load. This is the method that all the audio data must be collected in central mixing server first, and the mixing server mixes the data and sends the mixed data to each participant terminal. With supplement the central mixing method, Y. M. Kim proposes the TDM (Tree-structural Distributed-terminal Mixing) method that maximizes the usage of terminals' network and CPU resources.

The paper "Hardware sizing method for information system in Korea" by Jonghei Ra, Haeyong Jung and Kwangdon Choi proposes sizing methodology based on the empirical analysis. The empirical analysis has been conducted based on the survey by working level experts in the public organizations and debate with groups of experts using existing capacity sizing framework and hardware capacity sizing guidelines.

The paper "Adaptive-Binning Color Histogram for Image Information Retrieval" by Seung-Sun Yoo, Yong-tae Kim, Sang-Jo Youk, Jae-Hong Kim and Bong-Keun Lee proposes an improved new method using Adaptive Color Histogram (ACH) in image retrieval. The proposed method has been tested and verified through a number of simulations using hundreds of images in a database. The simulation results have quickly yielded the highly accurate candidate images in comparison to other retrieval methods.

Finally, we would like to express our sincere appreciation to all the authors for their valuable contributions and also to the referees for their cooperation and hard work in reviewing the papers in a timely and professional manner.

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