International Journal of Innovative Computing, Information and Control
Volume **5**, Number **7**, July **2009**

ICIC International ©2009 ISSN 1349-4198
pp. 1795–1795

SPECIAL ISSUE ON INFORMATION HIDING AND MULTIMEDIA SIGNAL PROCESSING

Hsiang-Cheh Huang[1], Bin-Yih Liao[2] and Jeng-Shyang Pan[2]

[1]Department of Electrical Engineering
National University of Kaohsiung
Kaohsiung 811, Taiwan
hchuang@nuk.edu.tw

[2]Department of Electronic Engineering
National Kaohsiung University of Applied Sciences
Kaohsiung 807, Taiwan
{ byliao; jspan }@cc.kuas.edu.tw

Received May 2009

Multimedia signal processing has been widely encountered in our daily life. For instance, people can easily enjoy watching video or listening to the Internet radio with online streaming. Hence, techniques relating to state-of-the-art signal processing techniques are of great importance. In addition, with the widespread of multimedia contents over the Internet, the copyright of such contents and also the rights for the contents owners should be retained. How to effectively protect the copyrights of multimedia contents has become a popular topic in both theoretical investigations and practical applications.

This special issue on *Information Hiding and Multimedia Signal Processing* is dedicated to the publication of a variety of original papers on recent developments at the *Third International Conference on Intelligent Information Hiding and Multimedia Signal Processing* (IIH-MSP2007), Kaohsiung, Taiwan, November 26-28, 2007. Papers were invited on topics in the fields of signal processing and information hiding, including object segmentation, target detection, brain-machine interface, signal processing with automatic handling system, implementation of acoustic decoder, signal processing for stock index prediction, fault diagnosis with intelligent optimization, video streaming, feature extraction and speech recognition, independent component analysis, watermarking with micro-genetic algorithm, data hiding and visual cryptography, audio authentication, reversible watermarking for 3D vertices, copyright protection with metadata, and key management problems.

We received a number of submissions that all went through peer review process according to the journal's standard review procedure. We believe that papers in this special issues represent up-to-date progresses in both fields of signal processing and information hiding. We hope readers will share our evaluations and make this special issue a good reference to their research work.

Finally, we would like to take this opportunity to thank all the contributors and the reviewers for their effort to make this special issue possible. We would also appreciate the work of Professor Yan Shi, Executive Editor of IJICIC, who offered us the opportunity to work on this special issue.