
FOREWORD

Special Section on Enriched Multimedia — Making Multimedia More Convenient and Safer —

With the development of media processing technology and communication technology, the utilization of multimedia is becoming popular. Along with that, digital forensics for protecting the value of multimedia is increasingly important. Therefore, it is important to develop a secure and more efficient multimedia signal processing method, including digital forensics technology.

This special section is planned to compile papers of the research works related to the topics stated above, such as protection, creation, and measurement of multimedia signals, as well as the proposal of adding new value to the legacy media. The editorial committee of this special section was based on the Enriched Multimedia (EMM) Technical Group of IEICE, which was established in 2011, aiming to promote the research works related to multimedia information hiding and other signal processing issues for enriching the multimedia information.

The editorial committee received eight papers and one letter. After the intensive review, the editorial committee has selected five papers and one letter offering high-quality and outstanding research results. In the research results, we have three papers of image processing (compression and watermarking), one paper and one letter of video processing (watermarking and 360-degree video) and one paper of document processing (watermarking). Also, two of them might be concerned with forensics of image.

Finally, I would like to take this opportunity to thank all the contributors and reviewers for their dedicated efforts. I would especially like to thank Dr. Ryouichi Nishimura of National Institute of Information and Communications Technology and Prof. Minoru Kuribayashi of Okayama University, Guest Editors of this special section, for their excellent organization of the entire editing process.

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Keiichi Iwamura, Guest Editor-in-Chief

Keiichi Iwamura (*Member*) received the B.S. and M.S. degrees in Information Engineering from Kyushu University in 1980 and 1982, respectively. During 1982–2006, he belongs to Canon Inc. He received the Ph.D in Tokyo University. He now Professor of Tokyo University of Science. His subject is Coding theory, Information security, Digital watermarking. Fellow of Information Processing Society of Japan, and chairperson of technical committee of Information Hiding and its Criteria for evaluation and technical committee of enriched multimedia of the Institute of Electronics, Information and Communication Engineers in Japan.

