
FOREWORD

Special Section on Picture Coding and Image Media Processing

It is our great pleasure to publish this special section on Picture Coding and Image Media Processing. Since mid 1980s, Picture Coding Symposium Japan (PCSJ) has been recognized as the largest symposium on picture coding. The other symposium - Image Media Processing Symposium - started in conjunction with PCSJ on 10 years after PCSJ was established. Since then, PCSJ/IMPS have been jointly held every year and collecting a broad spectrum of academic and industrial research presentations related to picture coding and image media processing. In 2007, special section on PCSJ/IMPS related areas started as a letter-only section in the Japanese edition of the IEICE Transactions on Information and Systems. Since then we have been having the special section every year and collecting many valuable papers (since 2014, full papers have also been accepted). This special section is the joint section with Japanese edition of the Transactions and it is the fifth English version of the special section on PCSJ/IMPS. Unfortunately, PCSJ/IMPS was held online last year due to COVID-19, but this special section collected as many valuable papers as every year. I would like to express my sincere gratitude to many active researchers who submitted the papers in this difficult situation.

The editorial committee received 6 submissions (including 3 letters). Each paper was carefully reviewed by two anonymous referees (letter: one referee). The editorial committee has finally selected 5 papers (including 2 letters) that offer high-quality and outstanding research results. Those papers cover a range of topics including picture coding, image signal processing, and their applications.

I would like to thank the referees and the editorial committee members for their dedicated efforts. I would also like to express my gratitude to Guest Editors, Dr. Kei Kawamura of KDDI Research, Prof. Akira Kubota of Chuo University, Prof. Keita Takahashi of Nagoya University, and Dr. Shunsuke Iwamura of NHK, for excellent organization of the entire editing process. I hope that this special section contributes to the continued success and growth of picture coding and image media processing research community.

Special Section Editorial Committee Members:

Guest Editors: Kei Kawamura (KDDI Research), Akira Kubota (Chuo Univ.), Keita Takahashi (Nagoya Univ.), Shunsuke Iwamura (NHK)

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Toshiaki Fujii, Guest Editor-in-Chief

Toshiaki Fujii (*Fellow*) received his B.E., M.E., and Dr.E. degrees in Electrical Engineering from the University of Tokyo in 1990, 1992, and 1995, respectively. From 1995, he has been with the Graduate School of Engineering, Nagoya University. From 2008 to 2010, he was with the Graduate School of Science and Engineering, Tokyo Institute of Technology. He is currently a professor at the Graduate School of Engineering, Nagoya University. His current research interests include multi-dimensional signal processing, multi-camera systems, 3D/light field/multiview video processing, compression, coding and transmission, free-viewpoint video, compressive sensing and computational photography, and their applications. He serves as a Vice President, Technical Activities of IEICE-ISS, Editor-in-Chief of ITE Journal. He is a member of IPSJ, and IEEE.

