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 a 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 third English version of the special section on PCSJ/IMPS.

The editorial committee received 7 submissions (including 1 letter). Each paper was carefully reviewed by two anonymous referees (letter: one referee). The editorial committee has finally selected 5 papers 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. Yasutaka Matsuo 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.), Yasutaka Matsuo (NHK)

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Toshiaki Fujii (Nagoya University), 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, multiview video coding and transmission, free-viewpoint video, 3D image processing and compression, compressive sensing and computational photography, and their applications. He is a member of ITE, IPSJ, and IEEE.