FOREWORD

Special Section on Image Media Quality

After Corona disaster, tele-communications utilizing image media including images/videos have considered important for our lives. Now image media is handled in many fields such as imaging, communication, broadcasting, storages, displays, printings, computer graphics and computer vision. However, these image technologies have been matured, and further evolution is expected to realize a truly helpful image media for human communication. Therefore, it is believed that image media quality should be discussed for all images or video systems.

This special section was started to accelerate the research of image media quality and make an open space for researchers who would like to discuss and obtain information concerning image media quality.

After careful review of 13 submissions including 8 papers and 5 letters, the editorial committee has selected 2 papers, which include an invited paper regarding the survey of attractive computing in image media, and 3 letters. We have posted interesting studies from fundamental research to application technology. They are covering attractive topics, which are indispensable for discussing image quality evaluation, such as GAN-based image translation model, RNN-based image compression, performance evaluation of machine learning, and industrial applications for HDR image.

We would like to express our sincere appreciation to all authors for submitting their papers, devoted reviewers, and kind editors. The special section would not exist without their voluntary activities.

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Kenya Uomori, Guest Editor-in-Chief

Kenya Uomori (*Member*)   received his B.E., M.E., and Ph.D. degrees from Okayama University, Japan, in 1983, 1985, and 1995, respectively. He is currently a specially appointed professor in Institute for Datability Science at Osaka University. He worked for Panasonic Corporation in advanced development of video camera system from 1985 to 2018. He was a researcher at ATR Auditory and Visual Perception Laboratories from 1990 to 1993. His research interests include image processing for video equipment, computational vision, human visual perception, and human interfaces and interactions.