
FOREWORD

Special Section on Electronic Displays

Electronic displays permeate everyday life. We use smartphones, tablets, handheld game consoles, televisions, PCs, etc. Also, we see digital signage, public displays, vehicle displays, etc. As electronic displays are expanding in many fields, much attention is paid to the development of flexible display technologies, the advancement of virtual and augmented reality interfaces, and other new applications of display technologies. Not only fabrication technologies but also comprehensive systems are indispensable to improve electronic displays, including driving circuits, signal processing, software technologies, contents supply, business models, etc. In such trends, research and development are conducted across a variety of disciplines. On behalf of the Technical Committee of the Electronic Information Displays (EID), we would like to prepare this special section as a place to publish such research and development on electronic displays.

International Display Workshops (IDW) is one of the international conferences representing the display field in the world and has been held in Japan every year since 1994. In particular, it features many academically and scientifically valuable presentations and discussions and attracts many participants from all over the world. The 29th International Display Workshops (IDW '22) was held at Fukuoka International Congress Center, Fukuoka, Japan, from December 14th to 16th, 2022. Some presentations in IDW '22 were selected by the program committee of IDW '22 and recommended to submit corresponding papers to this special section. The submitted papers were carefully reviewed, and some papers that well express the recent progress of display technologies, including display devices and applications were published. There are four regular papers published in this special section. We hope that these papers are useful for further research on electronic displays.

Finally, as a guest editor-in-chief in this special section, I would like to express my deepest thanks to all the authors for their submission of interesting papers and also my appreciation to all the editorial committee members listed below for their intense efforts and remarkable contributions to this special section.

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Masahiro Yamaguchi (*Senior Member*) received BS, M. Eng, and D. Eng. from Tokyo Institute of Technology in 1987, 1989, and 1994, respectively. He is a professor in School of Engineering, Tokyo Institute of Technology. His research includes color and spectral imaging, holography, computational imaging, and pathology image analysis. He is serving the convener of CIE RF-01 "Spectral Imaging" since 2018. From 2020 to 2022, he was the editor-in-chief of Optical Review. He is a member of IEICE, ITE, OSJ, JSAP, Optica, SPIE, and IS&T.

