
FOREWORD

Special Section on Electronic Displays

Electronic displays are ones of the key devices in information society. Nowadays, smart phones, tablet terminals, large flat televisions, notebook personal computers, desktop personal computers, etc. have been widely popularized all around ourselves. These appliances were not surely able to debut without development of electronic displays. However, in comparison with the other regions including semiconductor devices, the researcher population is not so large, and we are aware that the academic status is not so high. This discrepancy between the great success in the display industry and underestimation of the academic achievements seems to be due to that the display researchers in the academic organizations including us had not made sufficient efforts to soundly grow the scientific fields. On behalf of the Technical Committee of the Electronic Information Displays (EID), we would like to ambitiously act to solve this discrepancy. This special section is one of the solutions to improve and inform our recent achievements.

International Display Workshops (IDW) is one of the international conferences representative of the display field in the world and have been held in Japan every year from 1994. In particular, it features many academic and scientific valuable presentations and discussions with many participants from all over the world. The 20th International Display Workshops (IDW '13) was held in Sapporo Convention Center on December 4–6, 2013. Some presentations in IDW '13 were selected by the program committee of IDW '13 and recommended to submit corresponding papers to this special section. The submitted papers were carefully reviewed, and some papers expressing well the recent progress of display technologies including display devices and materials are published. There are 8 papers consisting of 7 regular papers and 1 brief paper in this special section. We hope that these papers are useful to 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 appreciates all the members of the editorial committee listed below for their intense efforts and remarkable contributions for this special section.

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Mutsumi Kimura (*Senior Member*) received the B. E. and M. E. degrees in Physical Engineering from Kyoto University in 1989 and 1991, respectively, and the Ph. D. degree in Electrical and Electronic Engineering from Tokyo University of Agriculture and Technology in 2001. He joined Matsushita Electric Industrial Co., Ltd. in 1991, Seiko Epson Corp. in 1995, and Ryukoku University in 2003. He has been working on TFT characteristic analysis, TFT simulator development, TFT-OLED development, and their advanced applications. He is a member of IEICE, JSAP, IEEE, and SID and has been a chairman of Technical Committee on Electronic Information Displays, IEICE since 2013.

