Special Section on Electronic Displays

The broadcasting of digital TV programs is starting to become more common as the world enters a transition phase moving from the old analogue to the new digital TV system. These changes in television broadcasting are creating a huge amount of demand for large flat panel display (FPD) systems and related components in the market with confidence of continuous growth in scale of the market in the future. This accelerates the innovations of the display-related technology and also expands in the fields of display applications, such as 3D-TV and electronic paper display. In those present situations, the 16th International Display Workshop (IDW’09) was held in Miyazaki, Japan from December 9 through 11, 2009 for giving opportunity for people in the display community to hold discussions and exchange ideas about the current and future of display technologies, such as flexible display technologies.

In addition to the papers that were selected from the presentations at IDW’09, contributed papers are also provided in this special section on “Electronic Displays.” 11 papers, consisting of 9 invited papers and 2 brief papers, cover an entire range of display technologies.

Finally the guest editor-in-chief of this special session would like to thanks all the authors for their paper submission. He also would like to express his deepest thanks to all the members of the editorial committee, listed below, for their contributions to this special section.

Editorial Committee members:
Guest Editors: Munekazu Date (NTT), Hideo Fujikake (NHK)
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Haruhiko Okumura, Guest Editor-in-Chief

Haruhiko Okumura (Member) received his B.S., M.S. and Ph.D. degrees in electrical engineering from Waseda University, in 1981, 1983 and 1995, respectively. He joined Toshiba R&D Center, Kawasaki, Japan, in 1983. He has been engaged in working on developing flat panel displays, especially LCDs. He received the Special Recognition Award of SID in 2004, the Ichimura Industrial Award in 2007, the Imperial Invention Prize in 2009 and SID Fellow Award in 2010. He is a secretary of SID Japan chapter. He is workshop chairmen on both Display Electronic Systems and Input technologies of International Display Workshops’09 (IDW’09) and a committee chairman on the IEICE Technical Committee on Electronic Information Display.