Flexible displays are currently one of the most researched topics within the flat panel display community. They promise to change our display-centric world by replacing bulky rigid devices with those that are paper-thin and can be rolled away or folded up when not in use.

The field of flexible flat panel displays is truly unique in the sense that it is interdisciplinary to the display community, combining basic principles from nearly all engineering and science disciplines.

Organized to bring the reader from the component level, through display system and assembly, to the possible manufacturing routes Flexible Flat Panel Displays:

* outlines the underlying scientific theory required to develop flexible display applications;
* addresses the critical issues relating to the convergence of technologies including substrates, conducting layers, electro-optic materials and thin-film transistors;
* provides guidance on flexible display manufacturing; and
* presents market information and a chapter dedicated to future market trends of flexible flat panel displays.
Flexible Flat Panel Displays is an essential tool for scientists, engineers, designers and business and marketing professionals working at all levels of the display industry. Graduate students entering the field of display technology will also find this book an excellent reference.

The Society for Information Display (SID) is an international society, which has the aim of encouraging the development of all aspects of the field of information display. Complementary to the aims of the society, the Wiley-SID series is intended to explain the latest developments in information display technology at a professional level. The broad scope of the series addresses all facets of information displays from technical aspects through systems and prototypes to standards and ergonomics.

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**ABOUT THE AUTHOR**

**Dr Crawford** is head of the Display and Photonics Lab at Brown University. He has contributed chapters to numerous books (including Wiley's Encyclopaedia of Imaging Science & Technology) and published over 150 journal articles. He was recently elected chair of the 2005 and 2007 Gordon Conferences on Liquid Crystals.

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