

PROCEEDINGS OF SPIE

Emerging Liquid Crystal Technologies IV

**Liang-Chy Chien
Ming Hsien Wu**
Editors

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Introduction

The Photonics West 2009 conference on Emerging Liquid Crystal Technologies IV addressed current issues in liquid crystal materials, displays, devices, and applications. The scope of the conference was extremely broad, including the latest electro-optical liquid crystal and composite materials and effects, optical films, display materials, backlights, flexible and e-paper displays, and projection displays. Furthermore, cutting-edge research on liquid crystals in photonic systems such as lasers, lens, switches, and filters represents a unique feature of the conference.

This conference provides a platform for leading principle investigators to present their unpublished or latest important results in a broad spectrum with enlightening discussions and an exchange of ideas on issues still in debate. The conference is particularly programmed and scheduled with ample time for presentation and discussion, as well as poster presentations. Invited speakers representing both academia and industry are from a wide range of disciplines including materials science, chemistry, physics, and engineering. In addition, the group of participants also includes a good number of contributed oral presentations and poster papers, which fosters the excitement of brain storming.

Liang-Chy Chien
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