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Emerging Liquid Crystal Technologies XI

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Dick J. Broer
Hirotugu Kikuchi
Nelson V. Tabiryan**
Editors

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Introduction

The Emerging Liquid Crystal Technologies (ELCT) conference at Photonics West was started in 2005. It evolved from the conference on Liquid Crystal Materials, Devices and Applications conference of SPIE. The ELCT conference is now firmly established as one of the key conference focusing on liquid crystal materials, devices, and applications.

The 2016 conference on Emerging Liquid Crystal Technologies XI (ELCT-XI) provided a forum for academic and industrial scientists and engineers to present high-impact scientific and technological research on recent advances in materials, devices, and applications. Numerous emerging topics on liquid crystal science and technology have taken advantage of unique anisotropic properties of liquid crystal materials to significantly improve the performance of existing devices or create new devices.

The topics of ELCT-XI included: Optical Control and Modulations, Blue Phase and Applications, Optical Manipulation and Imaging, Lenses and Spatial Light Modulators, Photo-Alignment and Photo-active Materials, Electro-Optical Processes, and Novel Photonic Materials. The conference featured keynote, invited, topical oral, and poster papers.

We hope you had stimulating and enjoyable experiences at Emerging Liquid Crystal Technologies XI at Photonics West 2016 in San Francisco, California!

Liang-Chy Chien
Dick J. Broer
Hirotsugu Kikuchi
Nelson V. Tabiryan