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Introduction

As the world's leading conference in liquid crystal optics, photonics and displays, the 2015 SPIE Photonics West "Emerging Liquid Crystal Technologies X" conference successfully drew a large and enthusiastic crowd. The conference provided a platform for intellectual and enlightening discussions of current state and exploration of emerging frontiers of liquid crystal science and technologies in optics, photonics and displays.

The scientific program featured keynote, invited and contributed papers, which covered a wide range of topics such as Nanoparticles Doped Systems, Soft Mechanics and Metamaterials, New Materials and Effects, Chiral Phases and Applications, Waveguides and Spatial Light Modulators, Active Filters and Retarders, Fast-Switching and Bistable Devices, and Lens and 3D Displays. The group of participants included a good number of invited speakers, junior scientists and graduate students who gave their research presentations at the conference. Student papers presented at both the oral and poster sessions drew large attendance and heavy traffic. I highly appreciate the program co-chairs and committee members for their contributions, which are the foundation of this successful conference.

We look forward to seeing you at the Emerging Liquid Crystal Technologies XI conference in 2016.

Liang-Chy Chien
Harry J. Coles
Hirotsugu Kikuchi
Ivan I. Smalyukh